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3p
Gulf of Mexico SBU.
Union Oil Company of California
Subsidiary of Chevron Corporation
100 Northpark Blvd
Covington, La. 70433

Jim Floyd
GGOM HES Water Team Lead
(985) 773-6628

Federal Express # 7975-7419-3590

January 20, 2014

Director
Water Protection Division
U. S. Environmental Protection Agency Region 4
61 Forsythe Street, S.W.
Atlanta, Georgia 30303-3104

GENERAL PERMIT GEG460000
QUARTERLY DISCHARGE MONITORING REPORTS
October 1, 2013 – December 31, 2013

Union Oil Company of California received National Pollutant Discharge Elimination System (NPDES) General Permit GEG460000 coverage for the Central Gulf of Mexico lease blocks attached. As required by the permit, attached are the Discharge Monitoring Reports (DMRs) for the period specified above.

GOM OCS Lease Block	Facility/Drill Site	Permit #
Mobile 872	Ptf A	GEG460559 ✓
Mobile 904	Ptf AB, AP, AQ, AW	GEG460501 ✓
Mobile 916	Ptf A, B, C, D, E	GEG460470 ✓
Mobile 917	Ptf A & B	GEG460492 ✓
Mobile 961	Ptf 2	GEG460495 ✓

If you have any questions concerning this report, please contact Jim Floyd
(Jim.Floyd@chevron.com or 985-773-6628)

Very truly yours,

Jim Floyd,
GGOM HES Water Team Lead

File: 310.15.2.7

For the monitoring period ending, December 31, 2013

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

01-20-2014
Date

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Mr
2/12/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 916 "A, B, C, D, & E"
LOCATION Mobile 916

GEG46 0470
PERMIT COVERAGE
NUMBER

001 1
DISCHARGE NUMBER

DRILLING FLUIDS
AQUEOUS

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
DRILLING FLUID, END OF WELL, 96-HR LC50 04311 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	*****	*****	(20)					
	PERMIT REQUIREMENT	*****	*****	*****	30000 DAILY MN	*****	*****	PPM		SEE PERMIT	GRAB		
DRILLING FLUID 96-HR LC50 04312 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(20)					
	PERMIT REQUIREMENT	*****	*****	*****	30000 DAILY MN	30000 MO AVG	*****	PPM		ONCE/MONTH	GRAB		
CADMIUM (CD), IN BARITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)					
	PERMIT REQUIREMENT	*****	*****	*****	*****	3.0 QTR MAX	*****	MG/KG		SEE PERMIT	CK REQ		
MERCURY (HG), IN BARITE, DRY WEIGHT 78245 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)					
	PERMIT REQUIREMENT	*****	*****	*****	*****	1.0 QTR MAX	*****	MG/KG		SEE PERMIT	CK REQ		
DRILLING FLUIDS, FREE OIL 82589 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)					
	PERMIT REQUIREMENT	*****	*****	*****	*****	0 QTR TOTAL	*****	# DAYS		ONCE PER WEEK	VISUAL		
DRILLING FLUIDS, DISCHARGE RATE 82592 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	NODI=C	(99)	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	1000 MX HR RT	BBL/HR	*****	*****	*****	*****		DAILY	ESTIMA		
DRILLING FLUIDS, VOLUME 82594 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****					
	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****		ONCE/MONTH	ESTIMA		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.									TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager											985-773-7157		01/24/2014
TYPED OR PRINTED											AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 916 "A, B, C, D, & E"
LOCATION Mobile 916

GEG46 0470
PERMIT COVERAGE
NUMBER

002 1
DISCHARGE NUMBER

DRILL CUTTINGS
AQUEOUS FLUIDS

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
DRILL CUTTINGS, END OF WELL, 96-HR LC50 04311 1 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	*****	*****	(20)				
	PERMIT REQUIREMENT	*****	*****	*****	30000 DAILY MN	*****	*****	PPM		SEE PERMIT	GRAB	
DRILL CUTTINGS 96-HR LC50 04312 1 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(20)				
	PERMIT REQUIREMENT	*****	*****	*****	30000 DAILY MN	30000 MO AVG	*****	PPM		ONCE/MONTH	GRAB	
CADMIUM (CD), IN BARITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	3.0 QTR MAX	*****	MG/KG		SEE PERMIT	CK REQ	
MERCURY (HG), IN BARITE, DRY WEIGHT 78245 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	1.0 QTR MAX	*****	MG/KG		SEE PERMIT	CK REQ	
DRILL CUTTINGS, FREE OIL 82595 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	0 QTR TOTAL	*****	# DAYS		ONCE/WEEK	VISUAL	
DRILL CUTTINGS, VOLUME 82596 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****		ONCE/MONTH	ESTIMA	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								TELEPHONE		DATE
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TYPED OR PRINTED										AREA CODE NUMBER		MO DAY YEAR

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**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 916 "A, B, C, D, & E"
LOCATION Mobile 916

GEG46 0470
PERMIT COVERAGE
NUMBER

003 1
DISCHARGE NUMBER

DRILL CUTTINGS
NAF

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DRILL CUTTINGS, END OF WELL, 96-HR LC50 04311 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	*****	*****	(20)			
	PERMIT REQUIREMENT	*****	*****	*****	30000 MINIMUM	*****	*****	PPM		SEE PERMIT	GRAB
DRILL CUTTINGS 96-HR LC50 04312 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(20)			
	PERMIT REQUIREMENT	*****	*****	*****	30000 MINIMUM	30000 MO AVG	*****	PPM		ONCE/MONTH	GRAB
STOCK BASE FLUID PAH 51114 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1U)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0.00001 QTR MAX	RATIO		SEE PERMIT	CK REQ
STOCK BASE FLUID SEDIMENT TOXICITY 51115 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1U)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1.0 QTR MAX	RATIO		SEE PERMIT	CK REQ
STOCK BASE FLUID BIODEGRADATION RATE 51116 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1U)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1.0 QTR MAX	RATIO		SEE PERMIT	CK REQ
DRILL CUTTINGS, SEDIMENT TOXICITY 51117 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1U)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1.0 QTR MAX	RATIO		SEE PERMIT	CK REQ
DRILL CUTTINGS, FORMATION OIL 51118 P 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(9A)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 QTR MAX	PASS=0 FAIL=1		SEE PERMIT	CK REQ
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED									AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

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P=GC/MS, Q=RPE, R=OLEFINS, S=ESTERS. FOR LC50, REPORT LOWEST MONTHLY AVG. R&S: PERCENT=G. NAF/100 G. WET CUTTINGS. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=B. If parameter not detected, enter NODI=B.

2/12/14

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 916 "A, B, C, D, & E"
LOCATION Mobile 916

GEG46 0470
PERMIT COVERAGE
NUMBER

003 1
DISCHARGE NUMBER

DRILL CUTTINGS
NAF

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
DRILL CUTTINGS, FORMATION OIL 51118 Q 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(9A)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 WKLY MAX	PASS=0 FAIL=1		ONCE/ WEEK	GRAB	
DRILL CUTTINGS BASE FLUIDS RETAINED 51120 R 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	*****	(23)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	6.9 QTR AVG	*****	PERCENT		SEE PERMIT	GRAB	
DRILL CUTTINGS BASE FLUIDS RETAINED 51120 S 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	*****	(23)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	9.4 QTR AVG	*****	PERCENT		SEE PERMIT	GRAB	
CADMIUM (CD), IN BARITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	3.0 QTR MAX	*****	MG/KG		SEE PERMIT	CK REQ	
MERCURY (HG), IN BARITE, DRY WEIGHT 78245 1 0 0 Effluent Gross value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	1.0 QTR MAX	*****	MG/KG		SEE PERMIT	CK REQ	
DRILL CUTTINGS, FREE OIL 82595 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	0 QTR TOTAL	*****	# DAYS		ONCE/ WEEK	VISUAL	
DRILL CUTTINGS, VOLUME 82596 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****		ONCE/ MONTH	ESTIMA	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014	
TYPED OR PRINTED									AREA CODE	NUMBER	MO DAY YEAR	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

P=GC/MS, Q=RPE, R=OLEFINS, S=ESTERS. FOR LC50, REPORT LOWEST MONTHLY AVG. R&S: PERCENT=G. NAF/100 G. WET CUTTINGS. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

2/12/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 916 "A, B, C, D, & E"
LOCATION Mobile 916

GEG46 0470			004 1			
PERMIT COVERAGE			DISCHARGE NUMBER			
NUMBER						
MONITORING PERIOD						
MO	DAY	YEAR	TO	MO	DAY	YEAR
10	01	13		12	31	13

PRODUCED WATER

FROM

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE							
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS										
NOEC STATRE 7DAY CHR MYSID. BAHIA TBP3E 1 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=9	*****	*****	(23)										
	PERMIT REQUIREMENT	*****	*****	*****	REPORT MINIMUM	*****	*****	PERCENT		SEE PERMIT	CK REQ							
NOEC STATRE 7DAY CHR MENIDIA TBP6B 1 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=9	*****	*****	(23)										
	PERMIT REQUIREMENT	*****	*****	*****	REPORT MINIMUM	*****	*****	PERCENT		SEE PERMIT	CK REQ							
CRITICAL DILUTION FACTOR 80093 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=9	*****	*****	(1U)										
	PERMIT REQUIREMENT	*****	*****	*****	REPORT MO MIN	*****	*****	RATIO		SEE PERMIT	CK REQ							
PRODUCED WATER, OIL AND GREASE 82599 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	5.1	5.1	(19)	0	01/30	GR							
	PERMIT REQUIREMENT	*****	*****	*****	*****	29.0 MO AVG	42.0 DAILY/MX	MG/L		ONCE/ MONTH	GRAB							
PRODUCED WATER, FLOW 82600 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	230	(1T)	*****	*****	*****	*****	0	31/30	ES							
	PERMIT REQUIREMENT	*****	REPORT QRTX MAX	BBL/DAY	*****	*****	*****	*****		ONCE/ MONTH	ESTIMA							
	SAMPLE MEASUREMENT																	
	PERMIT REQUIREMENT																	
	SAMPLE MEASUREMENT																	
	PERMIT REQUIREMENT																	
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G. J. Chiasson Gulf of Mexico East Operations Manager											985-773-7157		01/24/2014					
TYPED OR PRINTED											SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE		NUMBER			
COMMENTS AND EXPLANATION OF ANY VIOLATIONS													MO		DAY		YEAR	

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Mr
2/12/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 916 "A, B, C, D, & E"
LOCATION Mobile 916

GEG46 0470
PERMIT COVERAGE
NUMBER

005 1
DISCHARGE NUMBER

DECK DRAINAGE

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DECK DRAINAGE, FREE OIL 82597 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0	(1M)	0	DL/DS	VI
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MO TOTAL	# DAYS		SEE PERMIT	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157	01/24/2014	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Mr
2/12/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
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LOCATION Mobile 916

GEG46 0470			006 1		
PERMIT COVERAGE			DISCHARGE NUMBER		
NUMBER					
MONITORING PERIOD					
MO	DAY	YEAR	MO	DAY	YEAR
10	01	13	12	31	13

TCW FLUIDS

FROM TO NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OIL & GREASE	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	NODI=C	(19)				
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	29.0 MO AVG	42.0 DAILY MX	MG/L		ONCE/ MONTH	GRAB	
WELL FLUIDS, FREE OIL	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)				
82603 1 0 0 See Comments Below	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MO TOTAL	# DAYS		SEE PERMIT	VISUAL	
WELL FLUIDS, VOLUME	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****				
82604 1 0 0 Effluent Gross value	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****		ONCE/ MONTH	ESTIMA	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
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PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

My
2/12/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 916 "A, B, C, D, & E"
LOCATION Mobile 916

GEG46 0470			007 1		
PERMIT COVERAGE NUMBER			DISCHARGE NUMBER		
MONITORING PERIOD					
MO	DAY	YEAR	MO	DAY	YEAR
10	01	13	12	31	13

SANITARY WASTE

FROM TO NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
SANITARY WASTE, RESIDUAL CHLORINE 82605 P 0 0 See Comments Below	SAMPLE MEASUREMENT				1.5			(19)	0	01/30	GR
	PERMIT REQUIREMENT				1.0 DAILY MIN.			MG/L		ONCE/MONTH	GRAB
SANITARY WASTE, SOLIDS 82607 P.0 0 See Comments Below	SAMPLE MEASUREMENT						0	(1M)	0	DL/DS	VI
	PERMIT REQUIREMENT						0	# DAYS		DAILY	VISUAL
MARINE SANITATION DEVICE USED 61944 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT		1	(94)					0	1/30	CT
	PERMIT REQUIREMENT		REPORT VALUE	0=YES 1=NO						ONCE/MONTH	CERTIF
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE	DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157	01/24/2014	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 916 "A, B, C, D, & E"
LOCATION Mobile 916

GEG46 0470
PERMIT COVERAGE
NUMBER

008 1
DISCHARGE NUMBER

DOMESTIC WASTE

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DOMESTIC WASTE, SOLIDS 82608 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0	(1M)	0	DL/DS	VI
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MO TOTAL	# DAYS		SEE PERMIT	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE	DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157	01/24/2014	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Mr
2/12/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 916 "A, B, C, D, & E"
LOCATION Mobile 916

GEG46 0470
PERMIT COVERAGE
NUMBER

009 1
DISCHARGE NUMBER

MISCELLANEOUS
WASTES - NO
CHEMICALS ADDED

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
MISC. DISCHARGES, FREE OIL 49498 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0	(1M)	0	14/07	VI
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MO TOTAL	# DAYS		SEE PERMIT	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

Man
2/12/14

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 916 "A, B, C, D, & E"
LOCATION Mobile 916

GEG46 0470
PERMIT COVERAGE
NUMBER

010 1
DISCHARGE NUMBER

MISCELLANEOUS
WASTES
CHEMICALS ADDED

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
NOEC STATRE 7DAY CHR MYSID. BAHIA TBP3E P 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*	*	*****	(23)	*	*	*
	PERMIT REQUIREMENT	*****	*****	*****	REPORT 7 DA MIN	REPORT MO AV. MN	*****	PERCENT		SEE PERMIT	CK REQ
NOEC STATRE 7DAY CHR MENIDIA TBP6B P 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*	*	*****	(23)	*	*	*
	PERMIT REQUIREMENT	*****	*****	*****	REPORT 7 DA MIN	REPORT MO AV. MN	*****	PERCENT		SEE PERMIT	CK REQ
MISC. DISCHARGES, FREE OIL 49498 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0	(1M)	0	DL/DS	VI
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MO TOTAL	# DAYS		SEE PERMIT	VISUAL
MISC. DISCHARGES, FLOW .74076 1 0 0 Effluent Gross value	SAMPLE MEASUREMENT	*****	9600	(1T)	*****	*****	*****	*****	0	01/30	ES
	PERMIT REQUIREMENT	*****	REPORT QTR MX	BBL/DAY	*****	*****	*****	*****		ONCE/MONTH	ESTIMA
CRITICAL DILUTION FACTOR 80093 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	0.98	*****	*****	(1U)	0	01/30	CK
	PERMIT REQUIREMENT	*****	*****	*****	REPORT MO MIN	*****	*****	RATIO		SEE PERMIT	CK REQ
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

FOR NOEC, REPORT LOWEST MONTHLY AVG. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

*Testing laboratory incorrectly tested December's monthly sample. Please see attachment.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

9m
2/12/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 916 "A, B, C, D, & E"
LOCATION Mobile 916

GEG46 0470
PERMIT COVERAGE
NUMBER

011 1
DISCHARGE NUMBER

REPORTS

MONITORING PERIOD
MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
Cooling Water Baseline Study 85869 P 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(9P)					
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MAXIMUM	0=YES 1=NO		SEE PERMIT	CK/REQ		
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(9P)					
Cooling Water Baseline Study 85869 Q 0 0 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MAXIMUM	0=YES 1=NO		SEE PERMIT	CK/REQ		
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=9	(9P)					
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MAXIMUM	0=YES 1=NO		SEE PERMIT	CK/REQ		
BMP Plan Certification Submittal? 85873 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE		
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014		
TYPED OR PRINTED		REFERENCE ALL ATTACHMENTS HERE							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS											MO	DAY	YEAR

If no discharge, check "No Discharge" box at top right. If reporting not required this period, enter NODI=9 in all applicable reporting spaces. If parameter not detected, enter NODI=B. P=Industry-wide study. Q=Individual study.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 917 "A & B"
LOCATION Mobile 917

GEG46 0492
PERMIT COVERAGE
NUMBER

001 1
DISCHARGE NUMBER

DRILLING FLUIDS
AQUEOUS

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
DRILLING FLUID, END OF WELL, 96-HR LC50 04311 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT				NODI=C			(20)					
	PERMIT REQUIREMENT				30000 DAILY MN			PPM		SEE PERMIT	GRAB		
DRILLING FLUID 96-HR LC50 04312 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT				NODI=C	NODI=C		(20)					
	PERMIT REQUIREMENT				30000 DAILY MN	30000 MO-AVG		PPM		ONCE/MONTH	GRAB		
CADMIUM (CD), IN BARITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=C	(69)					
	PERMIT REQUIREMENT						3.0 QTR MAX	MG/KG		SEE PERMIT	CK REQ		
MERCURY (HG), IN BARITE, DRY WEIGHT 78245 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=C	(69)					
	PERMIT REQUIREMENT						1.0 QTR MAX	MG/KG		SEE PERMIT	CK REQ		
DRILLING FLUIDS, FREE OIL 82589 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=C	(1M)					
	PERMIT REQUIREMENT						0 QTR TOTAL	# DAYS		ONCE/PER WEEK	VISUAL		
DRILLING FLUIDS, DISCHARGE RATE 82592 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT		NODI=C	(99)						DAILY	ESTIMA		
	PERMIT REQUIREMENT		1000 MX HR RT	BBL/HR									
DRILLING FLUIDS, VOLUME 82594 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)									
	PERMIT REQUIREMENT	REPORT QTR/AVG	REPORT MO TOTAL	BBL						ONCE/MONTH	ESTIMA		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.									TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager											985-773-7157		01/24/2014
TYPED OR PRINTED											AREA CODE	NUMBER	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS		REFERENCE ALL ATTACHMENTS HERE									MO DAY YEAR		

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 917 "A & B"
LOCATION Mobile 917

GEG46 0492
PERMIT COVERAGE
NUMBER

002 1
DISCHARGE NUMBER

DRILL CUTTINGS
AQUEOUS FLUIDS

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
DRILL CUTTINGS, END OF WELL, 96-HR LC50 04311 1 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C				(20)			
	PERMIT REQUIREMENT				30000 DAILY MN				PPM	SEE PERMIT	GRAB	
DRILL CUTTINGS 96-HR LC50 04312 1 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C	NODI=C			(20)			
	PERMIT REQUIREMENT				30000 DAILY MN	30000 MO-AVG			PPM	ONCE/MONTH	GRAB	
CADMIUM (CD), IN BARITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=C		(69)			
	PERMIT REQUIREMENT					3:0 QTR MAX			MG/KG	SEE PERMIT	CK REQ	
MERCURY (HG), IN BARITE, DRY WEIGHT 78245 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=C		(69)			
	PERMIT REQUIREMENT					1:0 QTR MAX			MG/KG	SEE PERMIT	CK REQ	
DRILL CUTTINGS, FREE OIL 82595 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=C		(1M)			
	PERMIT REQUIREMENT					0 QTR TOTAL			# DAYS	ONCE/WEEK	VISUAL	
DRILL CUTTINGS, VOLUME 82596 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)								
	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL						ONCE/MONTH	ESTIMATE	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.										
G. J. Chiasson Gulf of Mexico East Operations Manager												
TYPED OR PRINTED		REFERENCE ALL ATTACHMENTS HERE										
COMMENTS AND EXPLANATION OF ANY VIOLATIONS		If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.										

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE	DATE
		985-773-7157	01/24/2014
AREA CODE	NUMBER	MO DAY YEAR	

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 917 "A & B"
LOCATION Mobile 917

GEG46 0492
PERMIT COVERAGE
NUMBER

003 1
DISCHARGE NUMBER

DRILL CUTTINGS
NAF

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
DRILL CUTTINGS, END OF WELL, 96-HR LC50 04311 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	*****	*****	(20)				
	PERMIT REQUIREMENT	*****	*****	*****	30000 MINIMUM	*****	*****	PPM		SEE PERMIT	GRAB	
DRILL CUTTINGS 96-HR LC50 04312 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(20)				
	PERMIT REQUIREMENT	*****	*****	*****	30000 MINIMUM	30000 MO AVG	*****	PPM		ONCE/MONTH	GRAB	
STOCK BASE FLUID PAH 51114 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1U)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0.00001 QTR:MAX	RATIO		SEE PERMIT	CK REQ	
STOCK BASE FLUID SEDIMENT TOXICITY 51115 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1U)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1:01 QTR:MAX	RATIO		SEE PERMIT	CK REQ	
STOCK BASE FLUID BIODEGRADATION RATE 51116 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1U)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1:01 QTR:MAX	RATIO		SEE PERMIT	CK REQ	
DRILL CUTTINGS, SEDIMENT TOXICITY 51117 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1U)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1:01 QTR:MAX	RATIO		SEE PERMIT	CK REQ	
DRILL CUTTINGS, FORMATION OIL 51118 P 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(9A)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 QTR:MAX	PASS=0 FAIL=1		SEE PERMIT	CK REQ	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager										985-773-7157		01/24/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT								AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

P=GC/MS, Q=RPE, R=OLEFINS, S=ESTERS. FOR LC50, REPORT LOWEST MONTHLY AVG. R&S: PERCENT=G. NAF/100 G. WET CUTTINGS. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 917 "A & B"
LOCATION Mobile 917

GEG46 0492
PERMIT COVERAGE
NUMBER

003 1
DISCHARGE NUMBER

DRILL CUTTINGS
NAF

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
DRILL CUTTINGS, FORMATION OIL 51118 Q 0 0 See Comments Below	SAMPLE MEASUREMENT							NODI=C	(9A)			
	PERMIT REQUIREMENT							0 WKLY MAX	PASS=0 FAIL=1	ONCE/WEEK	GRAB	
DRILL CUTTINGS BASE FLUIDS RETAINED 51120 R 0 0 See Comments Below	SAMPLE MEASUREMENT							NODI=C	(23)			
	PERMIT REQUIREMENT							6.9 QTR AVG	PERCENT	SEE PERMIT	GRAB	
DRILL CUTTINGS BASE FLUIDS RETAINED 51120 S 0 0 See Comments Below	SAMPLE MEASUREMENT							NODI=C	(23)			
	PERMIT REQUIREMENT							9.4 QTR AVG	PERCENT	SEE PERMIT	GRAB	
CADMIUM (CD), IN BARITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT							NODI=C	(69)			
	PERMIT REQUIREMENT							3.0 QTR MAX	MG/KG	SEE PERMIT	CK REQ	
MERCURY (HG), IN BARITE, DRY WEIGHT 78245 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT							NODI=C	(69)			
	PERMIT REQUIREMENT							1.0 QTR MAX	MG/KG	SEE PERMIT	CK REQ	
DRILL CUTTINGS, FREE OIL 82595 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT							NODI=C	(1M)			
	PERMIT REQUIREMENT							0 QTR TOTAL	# DAYS	ONCE/WEEK	VISUAL	
DRILL CUTTINGS, VOLUME 82596 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)								
	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL						ONCE/MONTH	ESTIMATE	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

P=GC/MS, Q=RPE, R=OLEFINS, S=ESTERS. FOR LC50, REPORT LOWEST MONTHLY AVG. R&S: PERCENT=G. NAF/100 G. WET CUTTINGS. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 917 "A & B"
LOCATION Mobile 917

2/12/14

GEG46 0492			004 1		
PERMIT COVERAGE			DISCHARGE NUMBER		
NUMBER					
MONITORING PERIOD					
MO	DAY	YEAR	MO	DAY	YEAR
10	01	13	12	31	13

FROM TO

PRODUCED WATER

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
NOEC STATRE 7DAY CHR MYSID. BAHIA TBP3E 1 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C			(23)				
	PERMIT REQUIREMENT				REPORT MINIMUM			PERCENT		SEE PERMIT	CK REQ	
NOEC STATRE 7DAY CHR MENIDIA TBP6B 1 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C			(23)				
	PERMIT REQUIREMENT				REPORT MINIMUM			PERCENT		SEE PERMIT	CK REQ	
CRITICAL DILUTION FACTOR 80093 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT				NODI=C			(1U)				
	PERMIT REQUIREMENT				REPORT MO MIN			RATIO		SEE PERMIT	CK REQ	
PRODUCED WATER, OIL AND GREASE 82599 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT					NODI=C	NODI=C	(19)				
	PERMIT REQUIREMENT					29.0 MO AVG	42.0 DAILY/MX	MG/L		ONCE/ MONTH	GRAB	
PRODUCED WATER, FLOW 82600 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT		NODI=C	(1T)								
	PERMIT REQUIREMENT		REPORT QTR/MAX	BBL/DAY						ONCE/ MONTH	ESTIMA	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager										985-773-7157		01/24/2014
TYPED OR PRINTED										AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 917 "A & B"
LOCATION Mobile 917

GEG46 0492
PERMIT COVERAGE
NUMBER

005 1
DISCHARGE NUMBER

DECK DRAINAGE

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DECK DRAINAGE, FREE OIL 82597 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						0	(1M)	0	DL/DS	VI
	PERMIT REQUIREMENT						MO TOTAL	# DAYS		SEE PERMIT	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

If no discharge, enter NOD=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NOD=9. If parameter not detected, enter NOD=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 917 "A & B"
LOCATION Mobile 917

GEG46 0492
PERMIT COVERAGE
NUMBER

006 1
DISCHARGE NUMBER

TCW FLUIDS

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OIL & GREASE	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	NODI=C	(19)			
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	29.0 MO/AVG	42.0 DAILY/MX	MG/L		ONCE/MONTH	GRAB
WELL FLUIDS, FREE OIL	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)			
82603 1 0 0 See Comments Below	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MO/TOTAL	# DAYS		SEE PERMIT	VISUAL
WELL FLUIDS, VOLUME	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****			
82604 1 0 0 Effluent Gross value	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO/TOTAL	BBL	*****	*****	*****	*****		ONCE/MONTH	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						TELEPHONE		DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager								985-773-7157		01/24/2014	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						AREA CODE	NUMBER	MO DAY YEAR	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 917 "A & B"
LOCATION Mobile 917

GEG46 0492
PERMIT COVERAGE
NUMBER

007 1
DISCHARGE NUMBER

SANITARY WASTE

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SANITARY WASTE, RESIDUAL CHLORINE 82605 P 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=9			(19)			
	PERMIT REQUIREMENT				1.0 DAILY MN			MG/L		ONCE/MONTH	GRAB
SANITARY WASTE, SOLIDS 82607 P 0 0 See Comments Below	SAMPLE MEASUREMENT						0	(1M)	0	DL/DS	VI
	PERMIT REQUIREMENT						10 MO TOTAL	# DAYS		DAILY	VISUAL
MARINE SANITATION DEVICE USED 61944 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT		1	(94)					0	1/30	CT
	PERMIT REQUIREMENT		REPORT VALUE	0=YES 1=NO						ONCE/MONTH	CERTIF
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.									
G. J. Chiasson Gulf of Mexico East Operations Manager											
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT									
COMMENTS AND EXPLANATION OF ANY VIOLATIONS		TELEPHONE 985-773-7157 DATE 01/24/2014									
		AREA CODE NUMBER MO DAY YEAR									

REFERENCE ALL ATTACHMENTS HERE
If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 917 "A & B"
LOCATION Mobile 917

GEG46 0492
PERMIT COVERAGE
NUMBER

008 1
DISCHARGE NUMBER

DOMESTIC WASTE

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DOMESTIC WASTE, SOLIDS 82608 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						0	(1M)	0	DL/DS	VI
	PERMIT REQUIREMENT						0 MO TOTAL	# DAYS		SEE PERMIT	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						TELEPHONE		DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager								985-773-7157		01/24/2014	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						AREA CODE	NUMBER	MO DAY YEAR	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 917 "A & B"
LOCATION Mobile 917

GEG46 0492
PERMIT COVERAGE
NUMBER

009 1
DISCHARGE NUMBER

MISCELLANEOUS
WASTES - NO
CHEMICALS ADDED

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
MISC. DISCHARGES, FREE OIL 49498 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT							NODI=C (1M)				
	PERMIT REQUIREMENT							0 MO/TOTAL # DAYS		SEE PERMIT	VISUAL	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
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	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014	
TYPED OR PRINTED		REFERENCE ALL ATTACHMENTS HERE							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER
COMMENTS AND EXPLANATION OF ANY VIOLATIONS												

COMMENTS AND EXPLANATION OF ANY VIOLATIONS
If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 917 "A & B"
LOCATION Mobile 917

2/12/14

GEG46 0492			010 1			MISCELLANEOUS	
PERMIT COVERAGE			DISCHARGE NUMBER			WASTES	
NUMBER						CHEMICALS ADDED	
MONITORING PERIOD							
MO	DAY	YEAR	TO	MO	DAY	YEAR	NO DISCHARGE <input type="checkbox"/>
10	01	13		12	31	13	

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
NOEC STATRE 7DAY CHR MYSID. BAHIA TBP3E P 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C	NODI=C		(23)					
	PERMIT REQUIREMENT				REPORT 7 DAY MIN	REPORT MO AV MIN		PERCENT		SEE PERMIT	CK REQ		
NOEC STATRE 7DAY CHR MENIDIA TBP6B P 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C	NODI=C		(23)					
	PERMIT REQUIREMENT				REPORT 7 DAY MIN	REPORT MO AV MIN		PERCENT		SEE PERMIT	CK REQ		
MISC. DISCHARGES, FREE OIL 49498 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=C	(1M)					
	PERMIT REQUIREMENT						MO TOTAL	# DAYS		SEE PERMIT	VISUAL		
MISC. DISCHARGES, FLOW 74076 1 0 0 Effluent Gross value	SAMPLE MEASUREMENT		NODI=C	(1T)									
	PERMIT REQUIREMENT		REPORT QRTA MX	BBL/DAY						ONCE/MONTH	ESTIMA		
CRITICAL DILUTION FACTOR 80093 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT				NODI=C			(1U)					
	PERMIT REQUIREMENT				REPORT MO MIN			RATIO		SEE PERMIT	CK REQ		
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								TELEPHONE		DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager										985-773-7157		01/24/2014	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT								AREA CODE	NUMBER	MO DAY YEAR	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

FOR NOEC, REPORT LOWEST MONTHLY AVG. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

2/12/14

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 917 "A & B"
LOCATION Mobile 917

GEG46 0492			011 1			
PERMIT COVERAGE			DISCHARGE NUMBER			
NUMBER						
MONITORING PERIOD						
MO	DAY	YEAR	TO	MO	DAY	YEAR
10	01	13		12	31	13

REPORTS

FROM TO NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Cooling Water Baseline Study 85869 P 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=C	(9P)			
	PERMIT REQUIREMENT						0 MAXIMUM	0=YES 1=NO		SEE PERMIT	CK/REQ
Cooling Water Baseline Study 85869 Q 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=C	(9P)			
	PERMIT REQUIREMENT						0 MAXIMUM	0=YES 1=NO		SEE PERMIT	CK/REQ
BMP Plan Certification Submittal? 85873 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=9	(9P)			
	PERMIT REQUIREMENT						0 MAXIMUM	0=YES 1=NO		SEE PERMIT	CK/REQ
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, check "No Discharge" box at top right. If reporting not required this period, enter NODI=9 in all applicable reporting spaces. If parameter not detected, enter NODI=B. P=Industry-wide study. Q=Individual study.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 961 "Pft 2"
LOCATION Mobile 961

GEG46 0495
PERMIT COVERAGE
NUMBER

001 1
DISCHARGE NUMBER

DRILLING FLUIDS
AQUEOUS

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE			
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS						
DRILLING FLUID, END OF WELL, 96-HR LC50	SAMPLE MEASUREMENT				NODI=C			(20)						
04311 1 0 0	PERMIT REQUIREMENT				30000 DAILY/MN			PPM		SEE PERMIT	GRAB			
Effluent Gross Value														
DRILLING FLUID 96-HR LC50	SAMPLE MEASUREMENT				NODI=C	NODI=C		(20)						
04312 1 0 0	PERMIT REQUIREMENT				30000 DAILY/MN	30000 MO AVG		PPM		ONCE/MONTH	GRAB			
Effluent Gross Value														
CADMIUM (CD), IN BARITE, DRY WEIGHT	SAMPLE MEASUREMENT						NODI=C	(69)						
78244 1 0 0	PERMIT REQUIREMENT						3.0 QTR/MAX	MG/KG		SEE PERMIT	CK/REQ			
Effluent Gross Value														
MERCURY (HG), IN BARITE, DRY WEIGHT	SAMPLE MEASUREMENT						NODI=C	(69)						
78245 1 0 0	PERMIT REQUIREMENT						1.0 QTR/MAX	MG/KG		SEE PERMIT	CK/REQ			
Effluent Gross Value														
DRILLING FLUIDS, FREE OIL	SAMPLE MEASUREMENT						NODI=C	(1M)						
82589 1 0 0	PERMIT REQUIREMENT						0 QTR/TOTAL	# DAYS		ONCE PER WEEK	VISUAL			
Effluent Gross Value														
DRILLING FLUIDS, DISCHARGE RATE	SAMPLE MEASUREMENT		NODI=C	(99)										
82592 1 0 0	PERMIT REQUIREMENT		1000 MX/HR/RT	BBL/HR						DAILY	ESTIMA			
Effluent Gross Value														
DRILLING FLUIDS, VOLUME	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)										
82594 1 0 0	PERMIT REQUIREMENT	REPORT QTR/AVG	REPORT MO/TOTAL	BBL						ONCE/MONTH	ESTIMA			
Effluent Gross Value														
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								TELEPHONE		DATE		
G. J. Chiasson Gulf of Mexico East Operations Manager										985-773-7157		01/24/2014		
TYPED OR PRINTED										SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	
												MO	DAY	YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 961 "Ptf 2"
LOCATION Mobile 961

2/12/14

GEG46 0495			002 1				
PERMIT COVERAGE			DISCHARGE NUMBER				
NUMBER							
MONITORING PERIOD							
FROM	MO	DAY	YEAR	TO	MO	DAY	YEAR
	10	01	13		12	31	13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DRILL CUTTINGS, END OF WELL, 96-HR LC50 04311 1 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C			(20)			
	PERMIT REQUIREMENT				30000 DAILY/MN			PPM		SEE PERMIT	GRAB
DRILL CUTTINGS 96-HR LC50 04312 1 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C	NODI=C		(20)			
	PERMIT REQUIREMENT				30000 DAILY/MN	30000 MO/AVG		PPM		ONCE/MONTH	GRAB
CADMIUM (CD), IN BARITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=C	(69)			
	PERMIT REQUIREMENT						3:0 QTR:MAX	MG/KG		SEE PERMIT	CK-REQ
MERCURY (HG), IN BARITE, DRY WEIGHT 78245 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=C	(69)			
	PERMIT REQUIREMENT						1:0 QTR:MAX	MG/KG		SEE PERMIT	CK-REQ
DRILL CUTTINGS, FREE OIL 82595 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=C	(1M)			
	PERMIT REQUIREMENT						0 QTR:TOTAL	# DAYS		ONCE/WEEK	VISUAL
DRILL CUTTINGS, VOLUME 82596 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)							
	PERMIT REQUIREMENT	REPORT QTR:AVG	REPORT MO:TOTAL	BBL						ONCE/MONTH	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chlasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 961 "Ptf 2"
LOCATION Mobile 961

Handwritten: Mar 21/2/14

GEG46 0495			003 1		
PERMIT COVERAGE			DISCHARGE NUMBER		
NUMBER					
MONITORING PERIOD					
MO	DAY	YEAR	MO	DAY	YEAR
10	01	13	12	31	13

FROM TO NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
DRILL CUTTINGS, END OF WELL, 96-HR LC50	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	*****	*****	(20)				
04311 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	30000 MINIMUM	*****	*****	PPM		SEE PERMIT	GRAB	
Gross Effluent Value												
DRILL CUTTINGS 96-HR LC50	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(20)				
04312 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	30000 MINIMUM	30000 MO/AVG	*****	PPM		ONCE/MONTH	GRAB	
Gross Effluent Value												
STOCK BASE FLUID PAH	SAMPLE MEASUREMENT	*****	*****	*****			NODI=C	(1U)				
51114 1 0 0	PERMIT REQUIREMENT	*****	*****	*****			0.00001 QTR MAX	RATIO		SEE PERMIT	CK REQ	
Gross Effluent Value												
STOCK BASE FLUID SEDIMENT TOXICITY	SAMPLE MEASUREMENT	*****	*****	*****			NODI=C	(1U)				
51115 1 0 0	PERMIT REQUIREMENT	*****	*****	*****			110 QTR MAX	RATIO		SEE PERMIT	CK REQ	
Gross Effluent Value												
STOCK BASE FLUID BIODEGRADATION RATE	SAMPLE MEASUREMENT	*****	*****	*****			NODI=C	(1U)				
51116 1 0 0	PERMIT REQUIREMENT	*****	*****	*****			110 QTR MAX	RATIO		SEE PERMIT	CK REQ	
Gross Effluent Value												
DRILL CUTTINGS, SEDIMENT TOXICITY	SAMPLE MEASUREMENT	*****	*****	*****			NODI=C	(1U)				
51117 1 0 0	PERMIT REQUIREMENT	*****	*****	*****			110 QTR MAX	RATIO		SEE PERMIT	CK REQ	
Gross Effluent Value												
DRILL CUTTINGS, FORMATION OIL	SAMPLE MEASUREMENT	*****	*****	*****			NODI=C	(9A)				
51118 P 0 0	PERMIT REQUIREMENT	*****	*****	*****			0 QTR MAX	PASS=0 FAIL=1		SEE PERMIT	CK REQ	
See Comments Below												
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager										985-773-7157		01/24/2014
TYPED OR PRINTED										AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS
P=GC/MS, Q=RPE, R=OLEFINS, S=ESTERS. FOR LC50, REPORT LOWEST MONTHLY AVG. R&S: PERCENT=G. NAF/100 G. WET CUTTINGS. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 961 "Pft 2"
LOCATION Mobile 961

GEG46 0495
PERMIT COVERAGE
NUMBER

003 1
DISCHARGE NUMBER

DRILL CUTTINGS
NAF

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE				
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS			
DRILL CUTTINGS, FORMATION OIL 51118 Q 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(9A)						
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 WKLY MAX	PASS=0 FAIL=1	ONCE/WEEK	GRAB				
DRILL CUTTINGS BASE FLUIDS RETAINED 51120 R 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(23)						
	PERMIT REQUIREMENT	*****	*****	*****	*****	6.9 QTR AVG	*****	PERCENT	SEE PERMIT	GRAB				
DRILL CUTTINGS BASE FLUIDS RETAINED 51120 S 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(23)						
	PERMIT REQUIREMENT	*****	*****	*****	*****	9.4 QTR AVG	*****	PERCENT	SEE PERMIT	GRAB				
CADMIUM (CD), IN BARITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)						
	PERMIT REQUIREMENT	*****	*****	*****	*****	3.0 QTR MAX	*****	MG/KG	SEE PERMIT	CK REQ				
MERCURY (HG), IN BARITE, DRY WEIGHT 78245 1 0 0 Effluent Gross value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)						
	PERMIT REQUIREMENT	*****	*****	*****	*****	1.0 QTR MAX	*****	MG/KG	SEE PERMIT	CK REQ				
DRILL CUTTINGS, FREE OIL 82595 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)						
	PERMIT REQUIREMENT	*****	*****	*****	*****	0 QTR TOTAL	*****	# DAYS	ONCE/WEEK	VISUAL				
DRILL CUTTINGS, VOLUME 82596 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****						
	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****	ONCE/MONTH	ESTIMATE				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								TELEPHONE		DATE		
G. J. Chiasson Gulf of Mexico East Operations Manager										865-773-7157		01/24/2014		
TYPED OR PRINTED										SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	
												MO	DAY	YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

P=GC/MS, Q=RPE, R=OLEFINS, S=ESTERS. FOR LC50, REPORT LOWEST MONTHLY AVG. R&S: PERCENT=G. NAF/100 G. WET CUTTINGS. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Mr
2/12/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 961 "Pft 2"
LOCATION Mobile 961

GEG46 0495
PERMIT COVERAGE
NUMBER

004 1
DISCHARGE NUMBER

PRODUCED WATER

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
NOEC STATRE 7DAY CHR MYSID. BAHIA TBP3E 1 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C			(23)			
	PERMIT REQUIREMENT				REPORT MINIMUM			PERCENT		SEE PERMIT	OK-REQ
NOEC STATRE 7DAY CHR MENIDIA TBP6B 1 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C			(23)			
	PERMIT REQUIREMENT				REPORT MINIMUM			PERCENT		SEE PERMIT	OK-REQ
CRITICAL DILUTION FACTOR 80093 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT				NODI=C			(1U)			
	PERMIT REQUIREMENT				REPORT MO/MIN			RATIO		SEE PERMIT	OK-REQ
PRODUCED WATER, OIL AND GREASE 82599 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT					NODI=C	NODI=C	(19)			
	PERMIT REQUIREMENT					29.0 MO AVG	42.0 DAILY MX	MGL		ONCE/ MONTH	GRAB
PRODUCED WATER, FLOW 82600 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT		NODI=C	(1T)							
	PERMIT REQUIREMENT		REPORT QTR MAX	BBL/DAY						ONCE/ MONTH	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. REFERENCE ALL ATTACHMENTS HERE									TELEPHONE	DATE
G. J. Chlason Gulf of Mexico East Operations Manager										985-773-7157	01/24/2014
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT									AREA CODE	NUMBER
COMMENTS AND EXPLANATION OF ANY VIOLATIONS											MO DAY YEAR

Mr 2/12/14

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 961 "Ptf 2"
LOCATION Mobile 961

GEG46 0495			005 1			
PERMIT COVERAGE			DISCHARGE NUMBER			
NUMBER						
MONITORING PERIOD						
MO	DAY	YEAR	TO	MO	DAY	YEAR
10	01	13		12	31	13

DECK DRAINAGE

FROM 10 01 13 TO 12 31 13 NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DECK DRAINAGE, FREE OIL 82597 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						0	(1M)	0	DL/DS	VI
	PERMIT REQUIREMENT						0	# DAYS		SEE PERMIT	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 961 "Pft 2"
LOCATION Mobile 961

GEG46 0495
PERMIT COVERAGE
NUMBER

006 1
DISCHARGE NUMBER

TCW FLUIDS

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
OIL & GREASE	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	NODI=C	(19)			
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	29.0 MO AVG	42.0 DAILY MX	MG/L	ONCE/ MONTH	GRAB	
WELL FLUIDS, FREE OIL	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	NODI=C	(1M)			
82603 1 0 0 See Comments Below	PERMIT REQUIREMENT	*****	*****	*****	*****	0 MO TOTAL	0 MO TOTAL	# DAYS	SEE PERMIT	VISUAL	
WELL FLUIDS, VOLUME	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****			
82604 1 0 0 Effluent Gross value	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****	ONCE/ MONTH	ESTIMATE	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						TELEPHONE		DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager								985-773-7157		01/24/2014	
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 961 "Plt 2"
LOCATION Mobile 961

Handwritten: *Mr 2/12/14*

GEG46 0495			007 1			
PERMIT COVERAGE			DISCHARGE NUMBER			
NUMBER						
MONITORING PERIOD						
MO	DAY	YEAR	TO	MO	DAY	YEAR
10	01	13		12	31	13

SANITARY WASTE

FROM 10 01 13 TO 12 31 13 NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
SANITARY WASTE, RESIDUAL CHLORINE 82605 P 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C			(19)				
	PERMIT REQUIREMENT				1-0 DAILY MN			MG/L		ONCE/MONTH	GRAB	
SANITARY WASTE, SOLIDS 82607 P 0 0 See Comments Below	SAMPLE MEASUREMENT						NODI=C	(1M)				
	PERMIT REQUIREMENT						0% NO TOTAL	# DAYS		DAILY	VISUAL	
MARINE SANITATION DEVICE USED 61944 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT		NODI=C	(94)								
	PERMIT REQUIREMENT		REPORT VALUE	0=YES 1=NO						ONCE/MONTH	CERTIF	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								TELEPHONE	DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager										985-773-7157	01/24/2014	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT								AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

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PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 961 "Pft 2"
LOCATION Mobile 961

GEG46 0495
PERMIT COVERAGE
NUMBER

008 1
DISCHARGE NUMBER

DOMESTIC WASTE

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DOMESTIC WASTE, SOLIDS 82608 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT									SEE PERMIT	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE NUMBER
COMMENTS AND EXPLANATION OF ANY VIOLATIONS											MO DAY YEAR

2/12/14

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 961 "Ptf 2"
LOCATION Mobile 961

GEG46 0495
PERMIT COVERAGE
NUMBER

009 1
DISCHARGE NUMBER

MISCELLANEOUS
WASTES - NO
CHEMICALS ADDED

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
MISC. DISCHARGES, FREE OIL	SAMPLE MEASUREMENT												
49498 1 0 0	PERMIT REQUIREMENT									SEE PERMIT	VISUAL		
Effluent Gross Value	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
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	PERMIT REQUIREMENT												
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	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE		
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014		
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	
											MO	DAY	YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 961 "Ptf 2"
LOCATION Mobile 961

GEG46 0495
PERMIT COVERAGE
NUMBER

010 1
DISCHARGE NUMBER

MISCELLANEOUS
WASTES
CHEMICALS ADDED

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
NOEC STATRE 7DAY CHR MYSID. BAHIA TBP3E P 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C	NODI=C		(23)			
	PERMIT REQUIREMENT				REPORT 7 DA/MIN	REPORT MO/AV/MN		PERCENT		SEE PERMIT	CK REQ
NOEC STATRE 7DAY CHR MENIDIA TBP6B P 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C	NODI=C		(23)			
	PERMIT REQUIREMENT				REPORT 7 DA/MIN	REPORT MO/AV/MN		PERCENT		SEE PERMIT	CK REQ
MISC. DISCHARGES, FREE OIL 49498 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT						NODI=C	(1M)			
	PERMIT REQUIREMENT						0 MO/TOTAL	# DAYS		SEE PERMIT	VISUAL
MISC. DISCHARGES, FLOW 74076 1 0 0 Effluent Gross value	SAMPLE MEASUREMENT		NODI=C	(1T)							
	PERMIT REQUIREMENT		REPORT QTR/MX	BBU/DAY						ONCE/MONTH	ESTIMA
CRITICAL DILUTION FACTOR 80093 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT				NODI=C			(1U)			
	PERMIT REQUIREMENT				REPORT MO/MIN			RATIO		SEE PERMIT	CK REQ
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

FOR NOEC, REPORT LOWEST MONTHLY AVG. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 961 "Pit 2"
LOCATION Mobile 961

GEG46 0495
PERMIT COVERAGE
NUMBER

011 1
DISCHARGE NUMBER

REPORTS

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Cooling Water Baseline Study 85869 P 0 0 Effluent Gross Value	SAMPLE MEASUREMENT							NODI=C (9P)			
	PERMIT REQUIREMENT							0=YES 1=NO		SEE PERMIT	CK REQ
Cooling Water Baseline Study 85869 Q 0 0 Effluent Gross Value	SAMPLE MEASUREMENT							NODI=C (9P)			
	PERMIT REQUIREMENT							0=YES 1=NO		SEE PERMIT	CK REQ
BMP Plan Certification Submittal? 85873 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT							NODI=9 (9P)			
	PERMIT REQUIREMENT							0=YES 1=NO		SEE PERMIT	CK REQ
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE NUMBER
COMMENTS AND EXPLANATION OF ANY VIOLATIONS		REFERENCE ALL ATTACHMENTS HERE									MO DAY YEAR

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

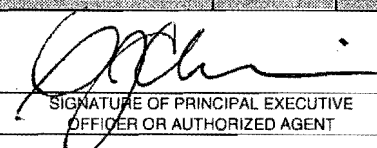
NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 904 "AW, AP, AQ, & AB"
LOCATION Mobile 904

GEG46 0501
PERMIT COVERAGE
NUMBER

001 1
DISCHARGE NUMBER

DRILLING FLUIDS
AQUEOUS

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13 NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
DRILLING FLUID, END OF WELL, 96-HR LC50 04311 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	*****	*****	(20)		
	PERMIT REQUIREMENT	*****	*****	*****	30000 DAILY MN	*****	*****	PPM	SEE PERMIT	GRAB
DRILLING FLUID 96-HR LC50 04312 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(20)		
	PERMIT REQUIREMENT	*****	*****	*****	30000 DAILY MN	30000 MO AVG	*****	PPM	ONCE/MONTH	GRAB
CADMIUM (CD), IN BARITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)		
	PERMIT REQUIREMENT	*****	*****	*****	*****	3.0 QTR MAX	*****	MG/KG	SEE PERMIT	CK REQ
MERCURY (HG), IN BARITE, DRY WEIGHT 78245 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)		
	PERMIT REQUIREMENT	*****	*****	*****	*****	1.0 QTR MAX	*****	MG/KG	SEE PERMIT	CK REQ
DRILLING FLUIDS, FREE OIL 82589 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)		
	PERMIT REQUIREMENT	*****	*****	*****	*****	0 QTR TOTAL	*****	# DAYS	ONCE PER WEEK	VISUAL
DRILLING FLUIDS, DISCHARGE RATE 82592 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	NODI=C	(99)	*****	*****	*****	*****		
	PERMIT REQUIREMENT	*****	1000 MX HR RT	BBL/HR	*****	*****	*****	*****	DAILY	ESTIMA
DRILLING FLUIDS, VOLUME 82594 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****		
	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****	ONCE/MONTH	ESTIMA
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.					SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE	DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157	01/24/2014
TYPED OR PRINTED							AREA CODE NUMBER		MO DAY YEAR	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 904 "AW, AP, AQ, & AB"
LOCATION Mobile 904

GEG46 0501
PERMIT COVERAGE
NUMBER

002 1
DISCHARGE NUMBER

DRILL CUTTINGS
AQUEOUS FLUIDS

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
DRILL CUTTINGS, END OF WELL, 96-HR LC50 04311 1 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	*****	*****	(20)			
	PERMIT REQUIREMENT	*****	*****	*****	30000 DAILY MN	*****	*****	PPM	SEE PERMIT	GRAB	
DRILL CUTTINGS 96-HR LC50 04312 1 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(20)			
	PERMIT REQUIREMENT	*****	*****	*****	30000 DAILY MN	30000 MO AVG	*****	PPM	ONCE/MONTH	GRAB	
CADMIUM (CO), IN BARIITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	3.0 QTR MAX	MG/KG	SEE PERMIT	CK REQ	
MERCURY (HG), IN BARIITE, DRY WEIGHT 78245 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1.0 QTR MAX	MG/KG	SEE PERMIT	CK REQ	
DRILL CUTTINGS, FREE OIL 82595 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 QTR TOTAL	# DAYS	ONCE/WEEK	VISUAL	
DRILL CUTTINGS, VOLUME 82596 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****			
	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****	ONCE/MONTH	ESTIMA	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. REFERENCE ALL ATTACHMENTS HERE							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
 FACILITY Mobile 904 "AW, AP, AQ, & AB"
 LOCATION Mobile 904

GEG46 0501
PERMIT COVERAGE
NUMBER

003 1
DISCHARGE NUMBER

DRILL CUTTINGS
NAF

MONITORING PERIOD
 FROM MO DAY YEAR TO MO DAY YEAR
 10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
DRILL CUTTINGS, END OF WELL, 96-HR LC50 04311 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT				NODI=C			(20)				
	PERMIT REQUIREMENT				30000 MINIMUM			PPM		SEE PERMIT	GRAB	
DRILL CUTTINGS 96-HR LC50 04312 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT				NODI=C	NODI=C		(20)				
	PERMIT REQUIREMENT				30000 MINIMUM	30000 MO AVG		PPM		ONCE/MONTH	GRAB	
STOCK BASE FLUID PAH 51114 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT						NODI=C	(1U)				
	PERMIT REQUIREMENT						0.00001 QTR MAX	RATIO		SEE PERMIT	CK REQ	
STOCK BASE FLUID SEDIMENT TOXICITY 51115 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT						NODI=C	(1U)				
	PERMIT REQUIREMENT						1.0 QTR MAX	RATIO		SEE PERMIT	CK REQ	
STOCK BASE FLUID BIODEGRADATION RATE 51116 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT						NODI=C	(1U)				
	PERMIT REQUIREMENT						1.0 QTR MAX	RATIO		SEE PERMIT	CK REQ	
DRILL CUTTINGS, SEDIMENT TOXICITY 51117 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT						NODI=C	(1U)				
	PERMIT REQUIREMENT						1.0 QTR MAX	RATIO		SEE PERMIT	CK REQ	
DRILL CUTTINGS, FORMATION OIL 51118 P 0 0 See Comments Below	SAMPLE MEASUREMENT						NODI=C	(9A)				
	PERMIT REQUIREMENT						0 QTR MAX	PASS=0 FAIL=1		SEE PERMIT	CK REQ	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014	
TYPED OR PRINTED									AREA CODE		NUMBER	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS		REFERENCE ALL ATTACHMENTS HERE							MO		DAY	YEAR

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 904 "AW, AP, AQ, & AB"
LOCATION Mobile 904

GEG46 0501
PERMIT COVERAGE
NUMBER

003 1
DISCHARGE NUMBER

DRILL CUTTINGS
NAF

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DRILL CUTTINGS, FORMATION OIL 51118 Q 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(9A)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 WKLY MAX	PASS=0 FAIL=1		ONCE/ WEEK	GRAB
DRILL CUTTINGS BASE FLUIDS RETAINED 51120 R 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	*****	(23)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	6.9 QTR AVG	*****	PERCENT		SEE PERMIT	GRAB
DRILL CUTTINGS BASE FLUIDS RETAINED 51120 S 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	*****	(23)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	9.4 QTR AVG	*****	PERCENT		SEE PERMIT	GRAB
CADMIUM (CD), IN BARITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	*****	(69)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	3.0 QTR MAX	*****	MG/KG		SEE PERMIT	CK REQ
MERCURY (HG), IN BARITE, DRY WEIGHT 78245 1 0 0 Effluent Gross value	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	*****	(69)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	1.0 QTR MAX	*****	MG/KG		SEE PERMIT	CK REQ
DRILL CUTTINGS, FREE OIL 82595 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	*****	(1M)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	0 QTR TOTAL	*****	# DAYS		ONCE/ WEEK	VISUAL
DRILL CUTTINGS, VOLUME 82596 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****			
	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****		ONCE/ MONTH	ESTIMA
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE	DATE
G. J. Chiasson Gulf of Mexico East Operations Manager										985-773-7157	01/24/2014
TYPED OR PRINTED										AREA CODE	NUMBER
										MO	DAY
										YEAR	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS
P=GC/MS, Q=RPE, R=OLEFINS, S=ESTERS. FOR LC50, REPORT LOWEST MONTHLY AVG. R&S: PERCENT=G. NAF/100 G. WET CUTTINGS. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

Mr
2/12/14

PERMITTEE NAME/ADDRESS
Include Name/Location if different

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 904 *AW, AP, AQ, & AB"
LOCATION Mobile 904

GEG46 0501			004 1		
PERMIT COVERAGE			DISCHARGE NUMBER		
NUMBER			MONITORING PERIOD		
MO	DAY	YEAR	MO	DAY	YEAR
10	01	13	12	31	13

PRODUCED WATER

FROM TO NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
NOEC STATRE 7DAY CHR MYSID. BAHIA TBP3E 1 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=9	*****	*****	(23)			
	PERMIT REQUIREMENT	*****	*****	*****	REPORT MINIMUM	*****	*****	PERCENT		SEE PERMIT	CK REQ
NOEC STATRE 7DAY CHR MENIDIA TBP6B 1 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=9	*****	*****	(23)			
	PERMIT REQUIREMENT	*****	*****	*****	REPORT MINIMUM	*****	*****	PERCENT		SEE PERMIT	CK REQ
CRITICAL DILUTION FACTOR 80093 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=9	*****	*****	(1U)			
	PERMIT REQUIREMENT	*****	*****	*****	REPORT MO MIN	*****	*****	RATIO		SEE PERMIT	CK REQ
PRODUCED WATER, OIL AND GREASE 82599 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	4.7	5.3	(19)	0	01/30	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	29.0 MO AVG	42.0 DAILY MX	MG/L		ONCE/ MONTH	GRAB
PRODUCED WATER, FLOW 82600 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	180	(1T)	*****	*****	*****	*****	0	31/30	ES
	PERMIT REQUIREMENT	*****	REPORT QTR MAX	BBL/DAY	*****	*****	*****	*****		ONCE/ MONTH	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 904 "AW, AP, AQ, & AB"
LOCATION Mobile 904

DECK DRAINAGE

GEG46 0501			005 1				
PERMIT COVERAGE NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	MO	DAY	YEAR	TO	MO	DAY	YEAR
	10	01	13		12	31	13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
DECK DRAINAGE, FREE OIL 82597 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0	(1M)	0	DL/DS	VI		
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MO TOTAL	# DAYS		SEE PERMIT	VISUAL		
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
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	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
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	PERMIT REQUIREMENT												
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G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014		
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	
											MO	DAY	YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS
REFERENCE ALL ATTACHMENTS HERE
If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Mr
2/12/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 904 "AW, AP, AQ, & AB"
LOCATION Mobile 904

GEG46 0501
PERMIT COVERAGE
NUMBER

006 1
DISCHARGE NUMBER

TCW FLUIDS

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OIL & GREASE	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	NODI=C	(19)			
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	29.0 MO AVG	42.0 DAILY MX	MG/L		ONCE/ MONTH	GRAB
WELL FLUIDS, FREE OIL	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)			
82603 1 0 0 See Comments Below	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MO TOTAL	# DAYS		SEE PERMIT	VISUAL
WELL FLUIDS, VOLUME	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****			
82604 1 0 0 Effluent Gross value	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****		ONCE/ MONTH	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								TELEPHONE	DATE	
G. J. Chlasson Gulf of Mexico East Operations Manager									985-773-7157	01/24/2014	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT								AREA CODE	NUMBER	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS	REFERENCE ALL ATTACHMENTS HERE								MO	DAY	YEAR

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 904 "AW", AP, AQ, & AB"
LOCATION Mobile 904

GEG46 0501
PERMIT COVERAGE
NUMBER
MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 12 31 13

SANITARY WASTE

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
SANITARY WASTE, RESIDUAL CHLORINE 82605 P 0 0 See Comments Below	SAMPLE MEASUREMENT				1			(19)	0	01/30	GR
	PERMIT REQUIREMENT				1.0 DAILY MN			MG/L		ONCE/MONTH	GRAB
SANITARY WASTE, SOLIDS 82607 P 0 0 See Comments Below	SAMPLE MEASUREMENT						0	(1M)	0	DL/DS	VI
	PERMIT REQUIREMENT						0	# DAYS		DAILY	VISUAL
MARINE SANITATION DEVICE USED 61944 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT		1	(94)					0	1/30	CT
	PERMIT REQUIREMENT		REPORT VALUE	0=YES 1=NO						ONCE/MONTH	CERTIF
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

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PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 904 "AW, AP, AQ, & AB"
LOCATION Mobile 904

DOMESTIC WASTE

GEG46 0501	008 1
PERMIT COVERAGE	DISCHARGE NUMBER
NUMBER	
MONITORING PERIOD	
MO DAY YEAR	MO DAY YEAR
10 01 13	12 31 13

FROM TO

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
DOMESTIC WASTE, SOLIDS 82608 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0	(1M)	0	DL/DS	VI
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MO TOTAL	# DAYS		SEE PERMIT	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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G. J. Chiasson Gulf of Mexico East Operations Manager								985-773-7157		01/24/2014	
TYPED OR PRINTED		REFERENCE ALL ATTACHMENTS HERE						AREA CODE		NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 904 "AW, AP, AQ, & AB"
LOCATION Mobile 904

2/12/14

GEG46 0501		
PERMIT COVERAGE		
NUMBER		
MONITORING PERIOD		
MO	DAY	YEAR
10	01	13
FROM		
TO		
MO	DAY	YEAR
12	31	13

MISCELLANEOUS
WASTES - NO
CHEMICALS ADDED

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
MISC. DISCHARGES, FREE OIL 49498 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0	(1M)	0	14/07	VI		
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0	# DAYS		SEE PERMIT	VISUAL		
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
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	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
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G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014		
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS											MO	DAY	YEAR

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 904 "AW, AP, AQ, & AB"
LOCATION Mobile 904

GEG46 0501
PERMIT COVERAGE
NUMBER

010 1
DISCHARGE NUMBER

MISCELLANEOUS
WASTES
CHEMICALS ADDED

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
NOEC STATRE 7DAY CHR MYSID, BAHIA TBP3E P O O See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(23)					
	PERMIT REQUIREMENT	*****	*****	*****	REPORT 7 DA MIN	REPORT MO AV MN	*****	PERCENT		SEE PERMIT	CK REQ		
NOEC STATRE 7DAY CHR MENIDIA TBP6B P O O See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(23)					
	PERMIT REQUIREMENT	*****	*****	*****	REPORT 7 DA MIN	REPORT MO AV MN	*****	PERCENT		SEE PERMIT	CK REQ		
MISC. DISCHARGES, FREE OIL 49498 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)					
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MO TOTAL	# DAYS		SEE PERMIT	VISUAL		
MISC. DISCHARGES, FLOW 74076 1 0 0 Effluent Gross value	SAMPLE MEASUREMENT	*****	NODI=C	(1T)	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	REPORT QTR/MX	BBL/DAY	*****	*****	*****	*****		ONCE/MONTH	ESTIMA		
CRITICAL DILUTION FACTOR 80093 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	*****	*****	(1U)					
	PERMIT REQUIREMENT	*****	*****	*****	REPORT MO MIN	*****	*****	RATIO		SEE PERMIT	CK REQ		
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE		
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014		
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS											MO	DAY	YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

FOR NOEC, REPORT LOWEST MONTHLY AVG. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

9M
2/12/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 904 "AW, AP, AQ, & AB"
LOCATION Mobile 904

GEG46 0501			011 1		
PERMIT COVERAGE			DISCHARGE NUMBER		
NUMBER			MONITORING PERIOD		
MO	DAY	YEAR	MO	DAY	YEAR
10	01	13	12	31	13

REPORTS

FROM TO NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Cooling Water Baseline Study 85869 P 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(9P)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MAXIMUM	0=YES 1=NO		SEE PERMIT	CK REQ
Cooling Water Baseline Study 85869 Q 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(9P)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MAXIMUM	0=YES 1=NO		SEE PERMIT	CK REQ
BMP Plan Certification Submittal? 85873 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=9	(9P)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MAXIMUM	0=YES 1=NO		SEE PERMIT	CK REQ
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						TELEPHONE		DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager								985-773-7157		01/24/2014	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						AREA CODE	NUMBER	MO DAY YEAR	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, check "No Discharge" box at top right. If reporting not required this period, enter NODI=9 in all applicable reporting spaces. If parameter not detected, enter NODI=B. P=Industry-wide study. Q=Individual study.

Mm
2/12/14

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 872 "A"
LOCATION Mobile 872

GEG46 0559
PERMIT COVERAGE
NUMBER

001 1
DISCHARGE NUMBER

DRILLING FLUIDS
AQUEOUS

MONITORING PERIOD
MO DAY YEAR
10 01 13 TO 12 31 13

FROM

TO

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DRILLING FLUID, END OF WELL, 96-HR LC50 04311 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C				(20)		
	PERMIT REQUIREMENT	*****	*****	*****	30000 DAILY MN	*****	*****	PPM		SEE PERMIT	GRAB
DRILLING FLUID 96-HR LC50 04312 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(20)			
	PERMIT REQUIREMENT	*****	*****	*****	30000 DAILY MN	30000 MO AVG	*****	PPM		ONCE/ MONTH	GRAB
CADMIUM (CD), IN BARITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	3.0 QTR MAX	*****	MG/KG		SEE PERMIT	CK REQ
MERCURY (HG), IN BARITE, DRY WEIGHT 78245 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	1.0 QTR MAX	*****	MG/KG		SEE PERMIT	CK REQ
DRILLING FLUIDS, FREE OIL 82589 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	0 QTR TOTAL	*****	# DAYS		ONCE PER WEEK	VISUAL
DRILLING FLUIDS, DISCHARGE RATE 82592 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	NODI=C	(99)	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	1000 MX HR RT	BBL/HR	*****	*****	*****	*****		DAILY	ESTIMA
DRILLING FLUIDS, VOLUME 82594 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****			
	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****		ONCE/ MONTH	ESTIMA
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

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Mr
2/12/14

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 872 "A"
LOCATION Mobile 872

GEG46 0559
PERMIT COVERAGE
NUMBER

002 1
DISCHARGE NUMBER

DRILL CUTTINGS
AQUEOUS FLUIDS

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
DRILL CUTTINGS, END OF WELL, 96-HR LC50 04311 1 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	*****	*****	(20)					
	PERMIT REQUIREMENT	*****	*****	*****	30000 DAILY MN	*****	*****	PPM		SEE PERMIT	GRAB		
DRILL CUTTINGS 96-HR LC50 04312 1 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(20)					
	PERMIT REQUIREMENT	*****	*****	*****	30000 DAILY MN	30000 MO AVG	*****	PPM		ONCE/MONTH	GRAB		
CADMIUM (CD), IN BARITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)					
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0.0 QTR MAX	MG/KG		SEE PERMIT	CK REQ		
MERCURY (HG), IN BARITE, DRY WEIGHT 78245 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(69)					
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1.0 QTR MAX	MG/KG		SEE PERMIT	CK REQ		
DRILL CUTTINGS, FREE OIL 82595 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)					
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 QTR TOTAL	# DAYS		ONCE/WEEK	VISUAL		
DRILL CUTTINGS, VOLUME 82596 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****					
	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****		ONCE/MONTH	ESTIMA		
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								TELEPHONE		DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager										985-773-7157		01/24/2014	
TYPED OR PRINTED										SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER
COMMENTS AND EXPLANATION OF ANY VIOLATIONS		REFERENCE ALL ATTACHMENTS HERE										MO DAY YEAR	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 872 "A"
LOCATION Mobile 872

GEG46 0559
PERMIT COVERAGE
NUMBER

003 1
DISCHARGE NUMBER

DRILL CUTTINGS
NAF

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DRILL CUTTINGS, END OF WELL, 96-HR LC50 04311 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	*****	*****	(20)			
	PERMIT REQUIREMENT	*****	*****	*****	30000 MINIMUM	*****	*****	PPM		SEE PERMIT	GRAB
DRILL CUTTINGS 96-HR LC50 04312 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(20)			
	PERMIT REQUIREMENT	*****	*****	*****	30000 MINIMUM	30000 MO AVG	*****	PPM		ONCE/MONTH	GRAB
STOCK BASE FLUID PAH 51114 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1U)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0.00001 QTR MAX	RATIO		SEE PERMIT	CK REQ
STOCK BASE FLUID SEDIMENT TOXICITY 51115 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1U)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1.0 QTR MAX	RATIO		SEE PERMIT	CK REQ
STOCK BASE FLUID BIODEGRADATION RATE 51116 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1U)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1.0 QTR MAX	RATIO		SEE PERMIT	CK REQ
DRILL CUTTINGS, SEDIMENT TOXICITY 51117 1 0 0 Gross Effluent Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1U)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1.0 QTR MAX	RATIO		SEE PERMIT	CK REQ
DRILL CUTTINGS, FORMATION OIL 51118 P 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(9A)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 QTR MAX	PASS=0 FAIL=1		SEE PERMIT	CK REQ
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

P=GC/MS, Q=RPE, R=OLEFINS, S=ESTERS. FOR LC50, REPORT LOWEST MONTHLY AVG. R&S: PERCENT=G. NAF/100 G. WET CUTTINGS. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Mr
2/2/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 872 "A"
LOCATION Mobile 872

GEG46 0559
PERMIT COVERAGE
NUMBER

003 1
DISCHARGE NUMBER

DRILL CUTTINGS
NAF

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
DRILL CUTTINGS, FORMATION OIL 51118 Q 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(9A)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 WKLY MAX	PASS=0 FAIL=1		ONCE/ WEEK	GRAB	
DRILL CUTTINGS BASE FLUIDS RETAINED 51120 R 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	*****	(23)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	6.9 QTR AVG	*****	PERCENT		SEE PERMIT	GRAB	
DRILL CUTTINGS BASE FLUIDS RETAINED 51120 S 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	*****	(23)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	9.4 QTR AVG	*****	PERCENT		SEE PERMIT	GRAB	
CADMIUM (CD), IN BARITE, DRY WEIGHT 78244 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	*****	(69)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	3.0 QTR MAX	*****	MG/KG		SEE PERMIT	CK REQ	
MERCURY (HG), IN BARITE, DRY WEIGHT 78245 1 0 0 Effluent Gross value	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	*****	(69)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	1.0 QTR MAX	*****	MG/KG		SEE PERMIT	CK REQ	
DRILL CUTTINGS, FREE OIL 82595 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	*****	(1M)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	0 QTR TOTAL	*****	# DAYS		ONCE/ WEEK	VISUAL	
DRILL CUTTINGS, VOLUME 82596 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT QTR AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****		ONCE/ MONTH	ESTIMA	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE	
G. J. Chlasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014	
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER
											MO	DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

P=GC/MS, Q=RPE, R=OLEFINS, S=ESTERS. FOR LC50, REPORT LOWEST MONTHLY AVG. R&S: PERCENT=G. NAF/100 G. WET CUTTINGS. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Mr
2/12/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 872 "A"
LOCATION Mobile 872

GEG46 0559
PERMIT COVERAGE
NUMBER

004 1
DISCHARGE NUMBER

PRODUCED WATER

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
NOEC STATRE 7DAY CHR MYSID. BAHIA TBP3E 1 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C			(23)				
	PERMIT REQUIREMENT				REPORT MINIMUM			PERCENT		SEE PERMIT	CK REQ	
NOEC STATRE 7DAY CHR MENIDIA TBP6B 1 0 0 See Comments Below	SAMPLE MEASUREMENT				NODI=C			(23)				
	PERMIT REQUIREMENT				REPORT MINIMUM			PERCENT		SEE PERMIT	CK REQ	
CRITICAL DILUTION FACTOR 80093 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT				NODI=C			(1U)				
	PERMIT REQUIREMENT				REPORT MO/MIN			RATIO		SEE PERMIT	CK REQ	
PRODUCED WATER, OIL AND GREASE 82599 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT					NODI=C	NODI=C	(19)				
	PERMIT REQUIREMENT					29.0 MO AVG	42.0 DAILY MX	MG/L		ONCE/ MONTH	GRAB	
PRODUCED WATER, FLOW 82600 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT		NODI=C	(1T)								
	PERMIT REQUIREMENT		REPORT QTR-MAX	BBL/DAY						ONCE/ MONTH	ESTIMA	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								TELEPHONE		DATE
G. J. Chiasson Gulf of Mexico East Operations Manager										985-773-7157		01/24/2014
TYPED OR PRINTED										SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE NUMBER
COMMENTS AND EXPLANATION OF ANY VIOLATIONS												MO DAY YEAR

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
 FACILITY Mobile 872 "A"
 LOCATION Mobile 872

GEG46 0559
 PERMIT COVERAGE
 NUMBER

005 1
 DISCHARGE NUMBER

DECK DRAINAGE

MONITORING PERIOD
 FROM MO DAY YEAR TO MO DAY YEAR
 10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DECK DRAINAGE, FREE OIL 82597 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0	(1M)	0	DL/DS	VI
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MO TOTAL	# DAYS		SEE PERMIT	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
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	PERMIT REQUIREMENT										
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G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 872 "A"
LOCATION Mobile 872

GEG46 0559
PERMIT COVERAGE
NUMBER

006 1
DISCHARGE NUMBER

TCW FLUIDS

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OIL & GREASE 00556 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	NODI=C	(19)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	29.0 MO AVG	42.0 DAILY MX	MG/L		ONCE/ MONTH	GRAB	
WELL FLUIDS, FREE OIL 82603 1 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI=C	NODI=C	(1M)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	0 MO TOTAL	0 MO TOTAL	# DAYS		SEE PERMIT	VISUAL	
WELL FLUIDS, VOLUME 82604 1 0 0 Effluent Gross value	SAMPLE MEASUREMENT	NODI=C	NODI=C	(1N)	*****	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT QRTA AVG	REPORT MO TOTAL	BBL	*****	*****	*****	*****		ONCE/ MONTH	ESTIMA	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
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	PERMIT REQUIREMENT											
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G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014	
TYPED OR PRINTED		REFERENCE ALL ATTACHMENTS HERE							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE NUMBER	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS											MO DAY YEAR	

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
 FACILITY Mobile 872 "A"
 LOCATION Mobile 872

GEG46 0559
 PERMIT COVERAGE
 NUMBER

007 1
 DISCHARGE NUMBER

SANITARY WASTE

MONITORING PERIOD
 FROM MO DAY YEAR TO MO DAY YEAR
 10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE				
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS							
SANITARY WASTE, RESIDUAL CHLORINE 82605 P 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=9	*****	*****	(19)							
	PERMIT REQUIREMENT	*****	*****	*****		*****	*****					*****			
SANITARY WASTE, SOLIDS 82607 P 0 0 See Comments Below.	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0	(1M)	0	DL/DS	VI				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0								
MARINE SANITATION DEVICE USED 61944 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	1	(94)	*****	*****	*****	*****	0	1/30	CT				
	PERMIT REQUIREMENT	*****	REPORT VALUE	0=YES 1=NO	*****	*****	*****								
	SAMPLE MEASUREMENT														
	PERMIT REQUIREMENT														
	SAMPLE MEASUREMENT														
	PERMIT REQUIREMENT														
	SAMPLE MEASUREMENT														
	PERMIT REQUIREMENT														
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G. J. Chiasson Gulf of Mexico East Operations Manager											985-773-7157		01/24/2014		
TYPED OR PRINTED		REFERENCE ALL ATTACHMENTS HERE									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Mr
2/12/14

NAME

Union Oil Company of California (Subsidiary of Chevron Corporation)

100 Northpark Blvd.

FACILITY

Covington, LA 70433

Mobile 872 "A"

LOCATION

Mobile 872

GEG46 0559
PERMIT COVERAGE
NUMBER

008 1
DISCHARGE NUMBER

DOMESTIC WASTE

MONITORING PERIOD
MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

FROM

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
DOMESTIC WASTE, SOLIDS	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0	(1M)	0	DL/DS	VI		
82608 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0	# DAYS		SEE PERMIT	VISUAL		
Effluent Gross Value													
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
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	PERMIT REQUIREMENT												
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G. J. Chlasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014		
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS		REFERENCE ALL ATTACHMENTS HERE									MO	DAY	YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

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PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Mr
2/12/14

NAME

Union Oil Company of California (Subsidiary of Chevron Corporation)

100 Northpark Blvd.

Covington, LA 70433

Mobile 872 "A"

FACILITY

LOCATION

Mobile 872

GEG46 0559
PERMIT COVERAGE
NUMBER

009 1
DISCHARGE NUMBER

MISCELLANEOUS
WASTES - NO
CHEMICALS ADDED

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
MISC. DISCHARGES, FREE OIL	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)		
49498 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0	# DAYS		SEE PERMIT
Effluent Gross Value										VISUAL
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						TELEPHONE		DATE
G. J. Chiasson								985-773-7157		01/24/2014
Gulf of Mexico East Operations Manager								AREA CODE		NUMBER
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Mr
2/12/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 872 "A"
LOCATION Mobile 872

GEG46 0559
PERMIT COVERAGE
NUMBER

010 1
DISCHARGE NUMBER

MISCELLANEOUS
WASTES
CHEMICALS ADDED

MONITORING PERIOD
FROM MO DAY YEAR TO MO DAY YEAR
10 01 13 TO 12 31 13

NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
NOEC STATRE 7DAY CHR MYSID. BAHIA TBP3E P 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(23)				
	PERMIT REQUIREMENT	*****	*****	*****	REPORT 7 DA MIN	REPORT MO AV MN	*****	PERCENT		SEE PERMIT	CK REQ	
NOEC STATRE 7DAY CHR MENIDIA TBP6B P 0 0 See Comments Below	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	NODI=C	*****	(23)				
	PERMIT REQUIREMENT	*****	*****	*****	REPORT 7 DA MIN	REPORT MO AV MN	*****	PERCENT		SEE PERMIT	CK REQ	
MISC. DISCHARGES, FREE OIL 49498 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(1M)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MO TOTAL	# DAYS		SEE PERMIT	VISUAL	
MISC. DISCHARGES, FLOW 74076 1 0 0 Effluent Gross value	SAMPLE MEASUREMENT	*****	NODI=C	(1T)	*****	*****	*****	*****				
	PERMIT REQUIREMENT	*****	REPORT QTR MX	BBL/DAY	*****	*****	*****	*****		ONCE/ MONTH	ESTIMA	
CRITICAL DILUTION FACTOR 80093 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	NODI=C	*****	*****	(1U)				
	PERMIT REQUIREMENT	*****	*****	*****	REPORT MO MIN	*****	*****	RATIO		SEE PERMIT	CK REQ	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager									985-773-7157		01/24/2014	
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	MO DAY YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

FOR NOEC, REPORT LOWEST MONTHLY AVG. If no discharge, enter NODI=C for Quantity and Concentration or check box at top right. If reporting not required this period, enter NODI=9. If parameter not detected, enter NODI=B.

PERMITTEE NAME/ADDRESS
Include Name/Location if different

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Mw
2/12/14

NAME Union Oil Company of California (Subsidiary of Chevron Corporation)
100 Northpark Blvd.
Covington, LA 70433
FACILITY Mobile 872 "A"
LOCATION Mobile 872

GEG46 0559			011 1		
PERMIT COVERAGE			DISCHARGE NUMBER		
NUMBER					
MONITORING PERIOD					
MO	DAY	YEAR	MO	DAY	YEAR
10	01	13	12	31	13

REPORTS

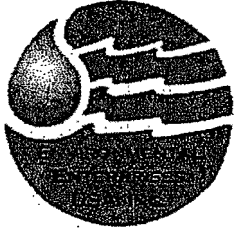
FROM TO NO DISCHARGE ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EXC.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Cooling Water Baseline Study 85869 P 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(9P)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MAXIMUM	0=YES 1=NO		SEE PERMIT	CK REQ
Cooling Water Baseline Study 85869 Q 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=C	(9P)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MAXIMUM	0=YES 1=NO		SEE PERMIT	CK REQ
BMP Plan Certification Submittal? 85873 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI=9	(9P)			
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0 MAXIMUM	0=YES 1=NO		SEE PERMIT	CK REQ
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						TELEPHONE		DATE	
G. J. Chiasson Gulf of Mexico East Operations Manager								985-773-7157		01/24/2014	
TYPED OR PRINTED								AREA CODE NUMBER		MO DAY YEAR	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

REFERENCE ALL ATTACHMENTS HERE

If no discharge, check "No Discharge" box at top right. If reporting not required this period, enter NODI=9 in all applicable reporting spaces. If parameter not detected, enter NODI=B. P=Industry-wide study. Q=Individual study.



January 21, 2014

Unocal
100 Northpark Blvd.
Room N4151
Covington, LA 70433
Attn: Raj Kunjappy

Dear Mr. Kunjappy,

On December 31, 2013 we initiated Whole Effluent Toxicity tests with your Chemically Treated Seawater (CTS) from Mobile 916 A, but the sample was tested according to the EPA Region VI general permit (acute tests), instead of EPA Region IV general permit (chronic tests) in error. The tests were completed using the wrong critical dilution, 11.2% CTS, instead of 0.29% CTS and the wrong test duration, 48 hours instead of 7 days. The acute tests (T-799-13) did fine and had no effect up to 44.8% CTS, > 100X the chronic critical dilution. The tests clearly showed no toxicity within 48 hours but are invalid because the critical dilution and test duration were incorrect.

The formal report was completed for the incorrect tests. I apologize for our error and our files have been corrected to ensure the error will not be repeated. There will be no charge for these tests.

Please call me if you have any questions or concerns.

Sincerely,

Veronica McNew
Effluent Testing Supervisor
office: 985 646-2787
vmcnew@eeusa.com



Chemically Treated Seawater Biomonitoring Report
Menidia beryllina* & *Mysidopsis bahia

prepared for
Unocal
Client Contact: Jim Floyd

Mobile 916 A. EE USA Project No.: T-799-13

Grab Sample Collected: December 31, 2013 at 0900
Pipe Diameter: 2" Discharge Rate: 9,600 bbl/day Depth: <200 m
Critical Dilution: 0.29% Chemically Treated Seawater (CTS)

**INLANDSILVERSIDE (*Menidia beryllina*) 48 HOUR SURVIVAL TEST, EPA-821-R-02-012:
METHOD 2006**

This test was initiated December 31, 2013 at 1443

M. beryllina

SURVIVAL NOEC / LOEC = 44.80% / >44.80% CTS
LPC % CV = 0.0

MYSID (*Mysidopsis bahia*) 48 HOUR SURVIVAL TEST, EPA-821-R-02-012: METHOD 2007

This test was initiated December 31, 2013 at 1458

M. bahia

SURVIVAL NOEC / LOEC = 44.80% / >44.80% CTS
LPC % CV = 0.0

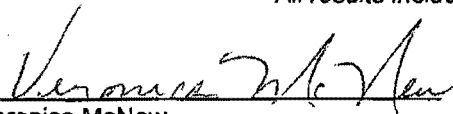
Report Date: January 9, 2014

by

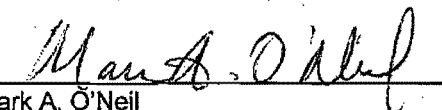
ENVIRONMENTAL ENTERPRISES USA, INC.

58485 PEARL ACRES ROAD, SUITE D
SLIDELL, LOUISIANA 70461
(800) 966-2788

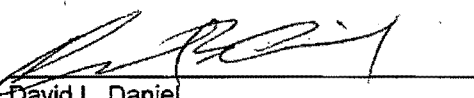
This report contains six pages plus five appendices, A - E. This report must not be reproduced in part, only in whole. The results and conclusions presented in this report apply only to the sample(s) tested. All results included in this report are from a valid test.


Veronica McNew
Effluents Testing Supervisor

01/20/14
DATE


Mark A. O'Neil
QC/QA Supervisor

1/15/14
DATE


David L. Daniel
Laboratory Director

1/15/14
DATE

Mobile 916 A

T-799-13

EPA Region 4 discharge. 7-day chronic tests should have been completed using a lower critical dilution.

Menidia beryllina ACUTE, STATIC-RENEWAL 48-HOUR DEFINITIVE TEST,
EPA-821-R-02-012: SECTION 9, Method 2006

TEST OVERVIEW

A 48-hour static-renewal toxicity test was conducted by Environmental Enterprises USA, Inc. (EE USA) to determine toxicity of Chemically Treated Seawater (CTS) from Mobile 916 A to *Menidia beryllina* larvae. Methods, materials, and results are presented in this document. Test organisms were cultured at EE USA and were 13-days-old when this test was initiated. Synthetic seawater was used as the performance control solution and diluent in this test. Five replicates of the performance control solution and five CTS concentrations were prepared initially and renewed daily. CTS concentrations tested were 2.80, 5.60, 11.20, 22.40, and 44.80%. This test was initiated December 31, 2013, at 1443 and completed January 2, 2014, at 1400. This discharge is located in EPA Region 4 and should have been tested as a 7-day test with 0.29% CTS critical dilution.

MATERIALS AND METHODS

Materials and methods for the work performed are stated in EPA-821-R-02-012: Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms. Actual materials and methods are detailed below. This test was performed with strict adherence to the requirements of Method 2006 and/or the Eastern Gulf of Mexico OCS General Permit with the following exceptions:

1) A 48-hr toxicity acute test using Method 2006 was completed with a critical dilution of 11.2% from the EPA Region 6 GMG290000 permit instead of completing a 7-day chronic test using Method 1006 with a critical dilution of 0.29% from the EPA Region 4 GEG460000 permit.

The recommendations and suggestions made elsewhere in EPA-821-R-02-012 were incorporated whenever applicable to optimize the experimental design. Dilution water was prepared with hw-MARINEMIX + Bio-elements and Crystal Sea Marinemix Bioassay Laboratory Formula sea salts (80:20) and deionized water and adjusted to 25 parts per thousand (ppt) salinity.

M. beryllina was cultured and maintained at 24±1°C and 25 ppt salinity. Several clutches from different females comprised the embryo pool from which test organism population hatched. Prior to test initiation, test organisms were fed 200 - 500 ul of a standardized suspension of less than 24-hour-old *Artemia* nauplii twice daily by replicate. The standard suspension is equal to 0.05 grams wet weight strained nauplii per ml synthetic seawater. One day prior to test initiation, eight inland silverside minnows were transferred randomly into 30 test chambers with 200 ml synthetic seawater. These test chambers were then placed in the environmental chamber.

Sensitivity of test organisms to a known toxicant was determined by performing a 48-hr Standard Reference Toxicant (SRT) test, MN1312-48, with potassium chloride (GFS Chemicals, Lot C256341). The SRT test was initiated on December 10, 2013, with 13-day old *M. beryllina*. The SRT data were used to calculate the 48-hr LC50. Appendix E contains *M. beryllina* SRT control charts.

	SURVIVAL
48-hour LC50:	1572 mg/l
Upper and Lower 95% Confidence Interval:	1506 to 1641 mg/l

The sample used in this test was collected December 31, 2013 at Mobile 916 A and delivered to EE USA on December 31, 2013 (Appendix D). This sample was stored at 0.1 to 6°C and used to prepare the initial and subsequent renewal test solutions. Test chambers were labeled with test concentration,

Mobile 916 A

T-799-13

EPA Region 4 discharge. 7-day chronic tests should have been completed using a lower critical dilution.

replicate identification, and EE USA's project number. Six treatments, five CTS concentrations and a laboratory performance control, were prepared and pH was measured in the undiluted CTS sample daily (Appendix A, page 1).

Each treatment was poured into a new acid-washed 1-gallon plastic container and placed in an environmental chamber to warm up to test temperature. After the test solutions reached test temperature, initial water quality parameters (temperature, dissolved oxygen, and salinity) were measured. Alkalinity, salinity, and pH were measured in the performance control December 31, 2013 and January 1, 2014, and in the undiluted CTS sample December 31, 2014 (Appendix A, page 1 and Appendix D). At the end of each 24-hour exposure period, just prior to renewal, the ending DO, temperature, salinity, and pH in each treatment was recorded (Appendix A, page 3).

On Day 0, the preloaded replicate test chambers were removed from the environmental chamber and carefully examined. Dead or injured larvae were replaced with organisms from the same batch and this test was initiated by renewal: 90% of the treatment solution, excess food, and debris were poured or siphoned out of each replicate. Aliquots of freshly prepared treatments were poured gently into each replicate as appropriate and then this test was placed in the environmental chamber. Surviving test organisms were disturbed as little as possible during renewal. On Day 1, the test was renewed. Every 24 hours, survival was recorded (Appendix A, page 2). After 48 hours, the final survival data were recorded and this test was terminated.

Summary of Experimental Conditions

Test Organisms:	13-day-old <i>Menidia beryllina</i> larvae
Dilution Water:	Synthetic seawater, 25 ppt Salinity
Temperature:	25±1°C
Photoperiod:	16 hours light; 8 hours dark
Test Chambers:	Disposable Plastic Cups, 9cm in diameter. Total Volume = 480 ml.
Test Solution Volume:	200 ml
Aeration:	No
Test Solution Renewal:	Yes

RESULTS AND CONCLUSION

The response used in statistical analysis of survival data was the proportion of surviving test organisms per replicate. These proportions were transformed by the Arc Sine Square Root Transformation and then tested for normal distribution and homogeneity of variance using Shapiro-Wilk's and Bartlett's tests, respectively. Survival data were not normally distributed and were further evaluated by the nonparametric alternative, Steel's Many-One Rank Test. The No Observed Effect Concentration (NOEC) for impaired *M. beryllina* survival was 44.80% CTS. The Lowest Observed Effect Concentration (LOEC) was >44.80% CTS (Appendix B, page 1). Dunnett's test was used to determine the minimum statistically significant percent difference (MSDp) between survival in the control and survival at any CTS concentration tested. For this *M. beryllina* survival data set, the MSDp was 3.0% (Appendix B, page 1).

Survival of *M. beryllina* larvae exposed to CTS from Mobile 916 A was not reduced significantly at any concentration tested (LOEC >44.80% CTS). Survival data summary statistics are presented in Appendix B. Survival in the concurrent laboratory performance control was 100.0%.

Mysidopsis bahia ACUTE, STATIC-RENEWAL 48-HOUR DEFINITIVE TEST,
EPA-821-R-02-012: SECTION 9, Method 2007

TEST OVERVIEW

A 48-hour static-renewal toxicity test was conducted by EE USA to determine toxicity of Chemically Treated Seawater (CTS) from Mobile 916 A to *Mysidopsis bahia* juveniles. Methods, materials, and results are presented in this document. Test organisms were cultured at EE USA and were 5-days-old when this test was initiated. Synthetic seawater was used as the performance control solution and diluent in this test. Five replicates of the performance control solution and five CTS concentrations were prepared initially and renewed daily. CTS concentrations tested were 2.80, 5.60, 11.20, 22.40, and 44.80%. This test was initiated December 31, 2013, at 1458 and completed January 2, 2014, at 1405. This discharge is located in EPA Region 4 and should have been tested as a 7-day test with 0.29% CTS critical dilution.

MATERIALS AND METHODS

Materials and methods for the work performed are stated in EPA-821-R-02-012: Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms. Actual materials and methods are detailed below. This test was performed with strict adherence to the requirements of Method 2007 and/or the Eastern Gulf of Mexico OCS General Permit with the following exception:

1) A 48-hr toxicity acute test using Method 2007 was completed with a critical dilution of 11.2% from the EPA Region 6 GMG290000 permit instead of completing a 7-day chronic test using Method 1007 with a critical dilution of 0.29% from the EPA Region 4 GEG460000 permit.

The recommendations and suggestions made elsewhere in EPA-821-R-02-012 were incorporated whenever applicable to optimize the experimental design. Dilution water was prepared with hw-MARINEMIX + Bio-elements and Crystal Sea Marinemix Bioassay Laboratory Formula sea salts (80:20) and deionized water and adjusted to 25 parts per thousand (ppt) salinity.

M. bahia was cultured and maintained at 24±1°C and 25 ppt salinity. Four days before initiating this test, approximately 500, 12- to 24-hour-old mysids were collected from breeding cultures, moved to a holding system, and acclimated to 25±1°C. Test organisms were fed 200 ul of a standardized suspension of less than 24-hour-old *Artemia* nauplii twice daily by replicate. The standard suspension is equal to 0.05 grams wet weight strained nauplii per ml synthetic seawater.

Sensitivity of test organisms to a known toxicant was determined by performing a 48-hr Standard Reference Toxicant (SRT) test, MB1312-48, with potassium chloride (GFS Chemicals, Lot C256341). The SRT test was initiated on December 10, 2013, with 5-day old *M. bahia*. The SRT data were used to calculate the 48-hr LC50. Appendix E contains *M. bahia* SRT control charts.

	SURVIVAL
48-hr LC50:	759 mg/l
Upper and Lower 95% Confidence Interval:	703 to 819 mg/l

The sample used in this test was collected December 31, 2013 at Mobile 916 A and delivered to EE USA on December 31, 2013 (Appendix D). This sample was stored at 0.1 to 6°C and used to prepare the initial and subsequent renewal test solutions. Test chambers were labeled with test concentration, replicate identification, and EE USA's project number. Six treatments, five CTS concentrations and a

Mobile 916 A

T-799-13

EPA Region 4 discharge. 7-day chronic tests should have been completed using a lower critical dilution.

laboratory performance control, were prepared and pH was measured in the undiluted CTS sample daily (Appendix A, page 1).

Each treatment was poured into a new acid-washed 1-gallon plastic container and placed in an environmental chamber to warm up to test temperature. After the test solutions reached test temperature, initial water quality parameters (temperature, dissolved oxygen, and salinity) were measured. Alkalinity, salinity, and pH were measured in the performance control December 31 and January 1, and in the undiluted CTS sample December 31, 2014 (Appendix A, page 1 and Appendix D). At the end of each 24-hour exposure period, just prior to renewal, the ending DO, temperature, salinity, and pH in each treatment was recorded (Appendix A, page 5).

On Day 0, the treatments were poured into their respective test chambers, eight *M. bahia* juveniles were distributed randomly to each, and then this test was placed in the environmental chamber. On Day 1, the test was renewed: 90% of the treatment solution, excess food, and debris were poured or siphoned out of each replicate. Aliquots of freshly prepared treatments were poured gently into each replicate as appropriate. Surviving test organisms were disturbed as little as possible during renewal. Every 24 hours, survival was recorded (Appendix A, page 4). After 48 hours, the final survival data were recorded and this test was terminated.

Summary of Experimental Conditions

Test Organisms:	5-day-old <i>Mysidopsis bahia</i> juveniles
Dilution Water:	Synthetic seawater, 25 ppt Salinity
Temperature:	25±1°C
Photoperiod:	16 hours light; 8 hours dark
Test Chambers:	Disposable Plastic Cups, 9cm in diameter. Total Volume = 480 ml.
Test Solution Volume:	200 ml
Aeration:	No.
Test Solution Renewal:	Yes

RESULTS AND CONCLUSION

The response used in statistical analysis of survival data was the proportion of surviving test organisms per replicate. After 48 hours of exposure, 100.0% survival was noted in every CTS concentration tested. The NOEC for impaired *M. bahia* survival was 44.80% CTS, the highest concentration tested. The LOEC was >44.80% CTS (Appendix B, page 1). The MSDp between survival in the control and survival in any CTS concentration tested, for this *M. beryllina* survival data set, could not be calculated.

Survival of *M. bahia* juveniles exposed to CTS from Mobile 916 A was not reduced significantly at any concentration tested (LOEC >44.80% CTS). Survival data summary statistics are presented in Appendix C. Survival in the concurrent laboratory performance control was 100.0%.

REFERENCES

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Office of Water (4303T). Washington, DC 20460.

U.S. Environmental Protection Agency. July 2000. Method Guidance and Recommendations for Whole
Effluent Toxicity (WET) Testing (40 CFR Part 136). EPA 821-B-00-004. Office of Water (4303).
Washington, DC 20460.

Environmental Enterprises USA, Inc.

APPENDIX A

Chevron U. S. A. Inc. - Mobile 916 A

100 Northpark Blvd., Room N4158A, Covington, LA 70433

Jim Floyd

Critical Dilution: ^{0.29%} 44.2% ^{wrong data 01/10/14} 9,600 bbl/day, 2" pipe, < 260 m

Test Concentrations, % Chemically Treated Seawater (CTS)

Menidia beryllina	Mysidopsis bahia	Total Volume/ Concentration, ml	Color Code	ml CTS	ml DH ₂ O
44.80%		2000.00	Black	896.00	1104.00
22.40%		"	Red	448.00	1552.00
11.20%		"	Yellow	224.00	1776.00
5.60%		"	Green	112.00	1888.00
2.80%		"	Blue	56.00	1944.00
0.00%	LPC	"	White	0.00	2000.00
Total Volume (ml) of CTS needed per day=					1736.00
Total Volume (ml) of CTS needed for test duration=					3472.00

Data Pages & Calculations by: Nicholas 200 in

QA/QC Check by: JFK

M. beryllina = 5 Reps x 200 ml
= 1000 ml

M. bahia = 5 Reps x 200 ml
= 1000 ml

DH₂O = Dilution Water = **Synthetic Seawater, 25 ppt**

	LPC	M #	LPC	M #	CTS #1	M #
Date	12/31		01/01		12/31	
Alkalinity	128	//	104	//	156	//
Salinity	24.9	1B	24.8	1B	34.0	1B
pH	8.0	N3	8.0	N3	8.1	N3
	Cy		MR		MR	

Artemia Lot #
042012-2
Initial <u>CK</u>

LPC: Laboratory Performance Control, synthetic seawater
Alkalinity: mg/l as CaCO₃ Salinity: ppt pH: su M#: meter number

Prep Date	12/31	01/01
DH ₂ O Lot #	25R- 362 -13	25R- 363 -13
Sample #	1	1
pH	7.1	8.0
M #	N3	N3
Initial	CN-13	JIA

Comments: [Ⓢ] All pages - permit # is GA6460000. Test should have been a 7-day chronic test with 0.29% critical dilution. 01/10/14 VL

Mobile 916 A
Ⓢ GMG290000
64646000
Ⓢ E

1 of 6 [Ⓢ] wrong data 1-13-14 TK
T-799-13
NOEC/LOEC

Inland silverside Minnow, *Menidia beryllina*

Acute Static-Renewal 48 - Hour Definitive Test

EPA-821-R-02-012: Section 9 Method 2006

^{Unocal}
Ⓢ Chevron U. S. A. Inc. - Mobile 916 A

Critical Dilution: ^{Ⓢ 0.29% wrong data 01/14/14} 44.2% 9,600 bbl/day, 2" pipe, < 200m

Test Organisms Age: 13 Days Old Test Organisms Source: EE

Test Initiation At: 1443 on 12/31/13

Counted by: Miranda Kibbi QC/QA by: Nichelle Seoin

Loaded by: Nichelle Seoin Organism Lot # mn-352-13

Exposure Chamber: 16 oz. plastic cups. Feeding: None.

Survival Data

Treatment % CTS													
Time	REP	LPC White	REP	2.80 Blue	REP	5.60 Green	REP	11.20 Yellow	REP	22.40 Red	REP	44.80 Black	Initials
0 HR	1	8	6	8	11	8	16	8	21	8	26	8	12/31/13
	2	8	7	8	12	8	17	8	22	8	27	8	
	3	8	8	8	13	8	18	8	23	8	28	8	
1443	4	8	9	8	14	8	19	8	24	8	29	8	ME
	5	8	10	8	15	8	20	8	25	8	30	8	
24 HR	1	8	6	8	11	8	16	8	21	8	26	8	01/01/14
	2	8	7	8	12	8	17	7	22	8	27	8	
	3	8	8	8	13	8	18	8	23	8	28	8	
0936	4	8	9	8	14	8	19	8	24	8	29	8	MR
	5	8	10	8	15	8	20	8	25	8	30	8	
48 HR	1	8	6	8	11	8	16	8	21	7	26	8	01/02/14
	2	8	7	8	12	8	17	8	22	8	27	7	
	3	8	8	8	13	8	18	8	23	8	28	8	
1400	4	8	9	8	14	8	19	8	24	8	29	8	ME
	5	8	10	8	15	8	20	8	25	8	30	8	
% Survival	100		100		100		100		98.975		97.5		

wrong data 1/2/14 ME

Data Entry by: Veronica M. New
Double Data Entry: Veronica M. New or
QA/QC Officer: Alan A. O'Neil

Ⓢ Mobile 916 A
Ⓢ GME290000
Ⓢ 6XG460000
Ⓢ E

Ⓢ wrong data 1-13-14 TK

M. beryllina Water Quality Data

All Treatments: Temp., 23.5 to 26.4°C: Initial & Final Dissolved Oxygen (DO): 4.0 to 7.5 mg/l.
LPC: Initial Salinity, 24.5 to 25.4 ppt. I: initial water quality. F: final water quality.

0 HR	Treatment % CTS						
12/31/13	LPC	2.80	5.60	11.20	22.40	44.80	Meter #
DO I	7.0	7.4	7.5	7.5	7.5	7.5	57
Temp I	24.0	24.3	24.0	23.7	25.7	24.1	13
Salinity I	24.9	25.4	25.6	26.2	27.8	29.8	13
Tech Initials: <i>KNE</i> Time: <i>1439</i>							

Comments _____

24 HR	Treatment % CTS						
01/01/14	LPC	2.80	5.60	11.20	22.40	44.80	Meter #
DO F	6.4	6.4	6.4	6.6	6.5	6.3	57
Temp F	25.6	25.6	25.7	25.3	25.5	25.6	13
Salinity F	25.2	25.5	25.8	26.6	27.5	29.6	13
pH F	7.9	7.9	7.9	8.0	7.9	7.9	N3
Tech Initials: <i>Cy OMB</i> Time: <i>0740</i>							

Comments _____

24 HR	Treatment % CTS						
01/01/14	LPC	2.80	5.60	11.20	22.40	44.80	Meter #
DO I	7.1	7.1	7.2	7.1	7.1	7.1	57
Temp I	25.8	25.9	25.5	25.8	25.5	25.4	13
Salinity I	24.8	25.0	25.5	26.1	26.8	29.3	13
Tech Initials: <i>Cy</i> Time: <i>0835</i>							

Comments _____

48 HR	Treatment % CTS						
01/02/14	LPC	2.80	5.60	11.20	22.40	44.80	Meter #
DO F	6.2	6.1	6.5	6.6	6.5	6.5	57
Temp F	25.7	25.6	25.6	25.4	25.6	25.7	13
Salinity F	25.1	25.3	25.6	26.6	27.0	29.3	13
pH F	8.0	8.0	8.0	8.0	8.0	8.0	N3
Tech Initials: <i>Cy OMB</i> Time: <i>0841</i>							

Comments *Wrong data 1-2-14 by*

(N) Mobile 916 A
GMG290000
GMG160000
(E)

(T) wrong data 1-13-14 TK
3 of 6

T-799-13
NOEC/LOEC

Mysid, *Mysidopsis bahia*

Acute Static-Renewal 48 - Hour Definitive Test
EPA-821-R-02-012: Section 9 Method 2007

Unocal
Chevron U. S. A. Inc. - Mobile 916 A

Critical Dilution: 0.29% wrong date 01/01/14 14.2% 9,600 bbl/day, 2" pipe, <200 m

Test Organisms Age: 5 Days Old Test Organisms Source: EE

Test Initiation At: 1458 on 12/31/13

Counted by: Miranda Robison QC/QA by: Conter Shi
Loaded by: Conter Shi Organism Lot # MB-1078-13

Exposure Chamber: 16 oz. plastic cups. Feeding: 200 µl 2X / day / replicate.

Survival Data

Treatment % CTS													
Time	REP	LPC White	REP	2.80 Blue	REP	5.60 Green	REP	11.20 Yellow	REP	22.40 Red	REP	44.80 Black	Initials
0 HR	1	8	6	8	11	8	16	8	21	8	26	8	12/31/13
	2	8	7	8	12	8	17	8	22	8	27	8	
	3	8	8	8	13	8	18	8	23	8	28	8	
1458	4	8	9	8	14	8	19	8	24	8	29	8	CMB
	5	8	10	8	15	8	20	8	25	8	30	8	
24 HR	1	8	6	8	11	8	16	8	21	8	26	8	01/01/14
	2	8	7	8	12	8	17	8	22	8	27	8	
	3	8	8	8	13	8	18	8	23	8	28	8	
0955	4	8	9	8	14	8	19	8	24	8	29	8	MR
	5	8	10	8	15	8	20	8	25	8	30	8	
48 HR	1	8	6	8	11	8	16	8	21	8	26	8	01/02/14
	2	8	7	8	12	8	17	8	22	8	27	8	
	3	8	8	8	13	8	18	8	23	8	28	8	
1405	4	8	9	8	14	8	19	8	24	8	29	8	ME
	5	8	10	8	15	8	20	8	25	8	30	8	
% Survival	100	100	100	100	100	100	100	100	100	100	100	100	

Data Entry by: Veronica McNew
Double Data Entry: Veronica McNew or
QA/QC Officer: Man A. O'Neil

Mobile 916 A
GME290000
GME6400000
①

① Wrong data 1-13-14 TK
4 of 6

T-799-13
NOEC/LOEC

M. bahia Water Quality Data

All Treatments: Temp., 23.5 to 26.4°C. Initial & Final Dissolved Oxygen (DO): 4.0 to 7.5 mg/l.
LPC: Initial Salinity, 24.5 to 25.4 ppt. I: Initial water quality. F: final water quality.

0 HR	Treatment % CTS						
1 2/31/13	LPC	2.80	5.60	11.20	22.40	44.80	Meter #
DO I	7.0	7.4	7.5	7.5	7.5	7.5	57
Temp I	24.0	24.3	24.0	23.7	25.7	24.1	18
Salinity I	24.9	25.4	25.0	26.2	27.8	29.8	18
Tech Initials: <i>ML</i> Time: 1439							

Comments _____

24 HR	Treatment % CTS						
0 1/01/14	LPC	2.80	5.60	11.20	22.40	44.80	Meter #
DO F	6.2	6.0	6.3	6.3	6.2	6.3	57
Temp F	25.2	25.3	25.3	25.2	25.2	25.2	13
Salinity F	25.2	25.5	25.7	26.6	27.6	30.0	13
pH F	8.0	7.9	7.9	7.9	7.9	7.9	N3
Tech Initials: <i>YOMB</i> Time: 0741							

Comments _____

24 HR	Treatment % CTS						
01/01/14	LPC	2.80	5.60	11.20	22.40	44.80	Meter #
DO I	7.1	7.1	7.2	7.1	7.1	7.1	57
Temp I	25.8	25.9	25.5	25.8	25.5	25.4	13
Salinity I	24.8	25.0	25.5	26.1	26.8	29.3	13
Tech Initials: <i>Cy</i> Time: 0835							

Comments _____

48 HR	Treatment % CTS						
01/02/14	LPC	2.80	5.60	11.20	22.40	44.80	Meter #
DO F	6.1	6.1	6.2	6.2	6.2	6.2	57
Temp F	25.8	25.7	25.7	25.6	25.6	25.8	13
Salinity F	25.2	25.1	25.7	25.6	27.1	29.5	13
pH F	8.0	8.0	8.0	8.0	8.0	8.0	N3
Tech Initials: <i>CyOMB</i> Time: 0842							

Comments _____

DO: mg/l pH: su Salinity: ppt Temp: °C

(N) Mobile 916 A
GMG290000-
646460000
(T) E

⊕ wrong data 1-13-14 TK

Data Pages

- ☒ Company name & contact matches client file.
- ☒ Area and block matches client file.
- ☒ Flow data & critical dilution (CD) match client file; and dilution series are correct:

91000 bbl/day, 2 " pipe, 11.2 % (CD)

Dilution series: (CD is 3rd dilution in series)

2.8, 5.6, 11.2, 22.4, 44.8

- ☒ Calculations on mixing page are correct. (sign mixing page)
- ☒ Dates, dilutions, test method, # of replicates, replicate volume, area & block, acceptance limits, data analysis endpoint, and test organisms are correct throughout data pages.
- ☒ Format correct. (spaces for all entries, page numeration, no split pages, etc.)

TK

Initials

12-31-13

Date

Chain-of-Custody

- ☒ Area and block on COC matches sample bottle.
- ☒ Area and block on COC matches test data pages.
- ☒ Lab # on COC matches sample bottle.
- ☒ Lab # on COC matches test data pages.
- ☒ Sample collection date: 12/31/13 & Time: 0900 hrs.
expiration date: 01/01/14 & Time: 2100 hrs. (Sample expired if >36 hrs)
- ☒ Sample volume is sufficient for test duration. (Sample volume in container(s) checked against sample volume on mixing page)

Sample volume available: 8000.0 ml

Sample volume needed: 3472.0 ml

(Sample volume insufficient if sample volume available < sample volume needed)

MR

Initials

12/31/13

Date

Jugs & Labels

- ☒ Lab # on jug and labels matches test data pages.
- ☒ Dilution water type is on jug. (i.e. 25 ppt, 20 ppt, MHSF, etc.)
- ☒ Dilutions on jugs and labels match dilutions on test data pages.
- ☒ Jugs are color-coded. (see mixing page for appropriate color code sequence)

Cy

Initials

12.31.13

Date

Raw Data QC/QA by: Michelle 2000 1/2/14

Environmental Enterprises USA, Inc.

APPENDIX B

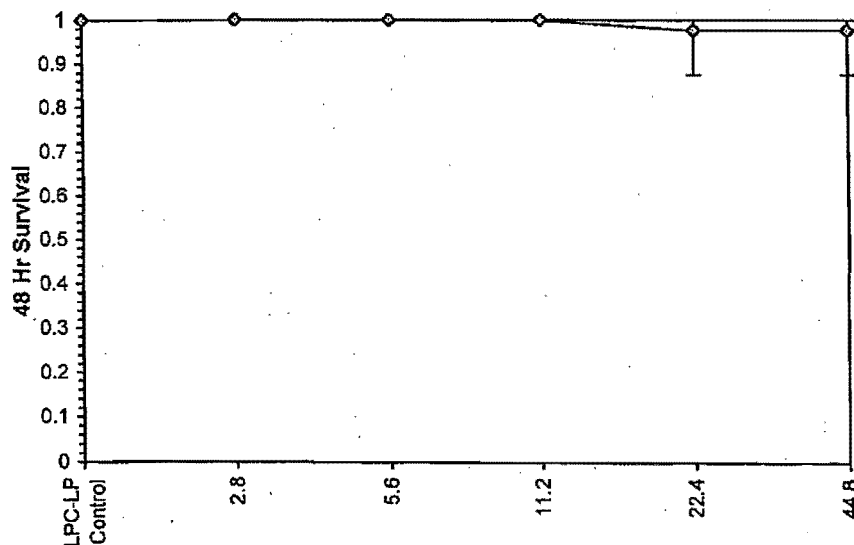
Acute Toxicity Test-48 Hr Survival					
Start Date:	12/31/2013	Test ID:	mn79913	Sample ID:	GEG460000-NPDES Permit #
End Date:	1/2/2014	Lab ID:	EE-Environmental Enterprise	Sample Type:	CTS-Chemically Treated Seawater
Sample Date:	12/31/2013	Protocol:	EPAA 02-EPA Acute	Test Species:	MB-Menidia beryllina
Comments:					

Conc-%	1	2	3	4	5
PC-LP Control	1.0000	1.0000	1.0000	1.0000	1.0000
2.8	1.0000	1.0000	1.0000	1.0000	1.0000
5.6	1.0000	1.0000	1.0000	1.0000	1.0000
11.2	1.0000	1.0000	1.0000	1.0000	1.0000
22.4	0.8750	1.0000	1.0000	1.0000	1.0000
44.8	1.0000	0.8750	1.0000	1.0000	1.0000

Conc-%	Transform: Arcsin Square Root						Rank Sum	1-Tailed Critical
	Mean	N-Mean	Mean	Min	Max	CV%		
PC-LP Control	1.0000	1.0000	1.3931	1.3931	1.3931	0.000	5	
2.8	1.0000	1.0000	1.3931	1.3931	1.3931	0.000	5	27.50
5.6	1.0000	1.0000	1.3931	1.3931	1.3931	0.000	5	27.50
11.2	1.0000	1.0000	1.3931	1.3931	1.3931	0.000	5	27.50
22.4	0.9750	0.9750	1.3564	1.2094	1.3931	6.055	5	25.00
44.8	0.9750	0.9750	1.3564	1.2094	1.3931	6.055	5	25.00

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates non-normal distribution ($p \leq 0.05$)	0.5466	0.927	-2.7369	8.25694
Equality of variance cannot be confirmed				
Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test	44.8	>44.8		2.23214
Treatments vs LPC-LP Control				

Dose-Response Plot



Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU	MSDu	MSDp	MSB	MSE	F-Prob	df
Dunnett's Test	44.8	>44.8		2.23214	0.02924	0.03018	0.0018	0.00225	0.56062	5, 24
Treatments vs LPC-LP Control										

Environmental Enterprises USA, Inc.

APPENDIX C

Acute Toxicity Test-48 Hr Survival

Start Date: 12/31/2013	Test ID: mb79913	Sample ID: GMG460000-NPDES Permit #
End Date: 1/2/2014	Lab ID: EE-Environmental Enterprise	Sample Type: CTS-Chemically Treated Seawater
Sample Date: 12/31/2013	Protocol: EPAA 02-EPA Acute	Test Species: MY-Mysidopsis bahia
Comments:		

Conc-%	1	2	3	4	5
PC-LP Control	1.0000	1.0000	1.0000	1.0000	1.0000
2.8	1.0000	1.0000	1.0000	1.0000	1.0000
5.6	1.0000	1.0000	1.0000	1.0000	1.0000
11.2	1.0000	1.0000	1.0000	1.0000	1.0000
22.4	1.0000	1.0000	1.0000	1.0000	1.0000
44.8	1.0000	1.0000	1.0000	1.0000	1.0000

Transform: Untransformed							
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N
PC-LP Control	1.0000	1.0000	1.0000	1.0000	1.0000	0.000	5
2.8	1.0000	1.0000	1.0000	1.0000	1.0000	0.000	5
5.6	1.0000	1.0000	1.0000	1.0000	1.0000	0.000	5
11.2	1.0000	1.0000	1.0000	1.0000	1.0000	0.000	5
22.4	1.0000	1.0000	1.0000	1.0000	1.0000	0.000	5
44.8	1.0000	1.0000	1.0000	1.0000	1.0000	0.000	5

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test Indicates normal distribution ($p > 0.05$)	1	0.927		
Equality of variance cannot be confirmed				

Environmental Enterprises USA, Inc.

APPENDIX D

Ship to: Lab Name: Environmental Enterprises
 Street Address: 58485 Pearl Acres Rd., Suite D
 City/State/Zip Code: Slidell, LA 70461
 Phone: (985) 646-2787, Fax # (985) 646-2810

POSTED
 1/8/14

S/R No.: T.08693-13
 KIT No.: 00341 T0

CHAIN - OF - CUSTODY RECORD

Client: <input checked="" type="checkbox"/> Chevron USA <input checked="" type="checkbox"/> UNOCAL	Field Contact: HESC	Requested Handling: <input type="checkbox"/> Standard <input type="checkbox"/> Rush Comments:
Address: 100 Northpark Blvd. Covington, LA 70433	Phone#: 985-773-5861 Email: Arthur.Guidry@chevron.com WBS#	
Project # or Area & Block: MO 916 A		

Analysis: Check for appropriate item or enter sample ID for multiple samples.

<input type="checkbox"/> Produced Water Toxicity (36-hr hold)	<input checked="" type="checkbox"/> Chemically Treated Seawater (CTS) (36-hr hold)	<input type="checkbox"/> Potable Water Nitrate/Nitrite (48-hr hold)	<input type="checkbox"/> Potable Water Total Coliform (Na ₂ H ₂ SO ₃ Tablet) (30-hr hold)	<input type="checkbox"/> Other (describe):
---------------------------------------------------------------	------------------------------------------------------------------------------------	---------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------	--------------------------------------------

Collection Point	Date Collected	Time Collected	COLLECTED BY:	Grab	Container		Lab ID No.	Comments:
					Type	#		
MO 916 SEAWATER PUMP	12/31/13	9:00 AM	Print: LARRY LO. WHITE Sign: LARRY LO. WHITE	X	P		T.799.13	

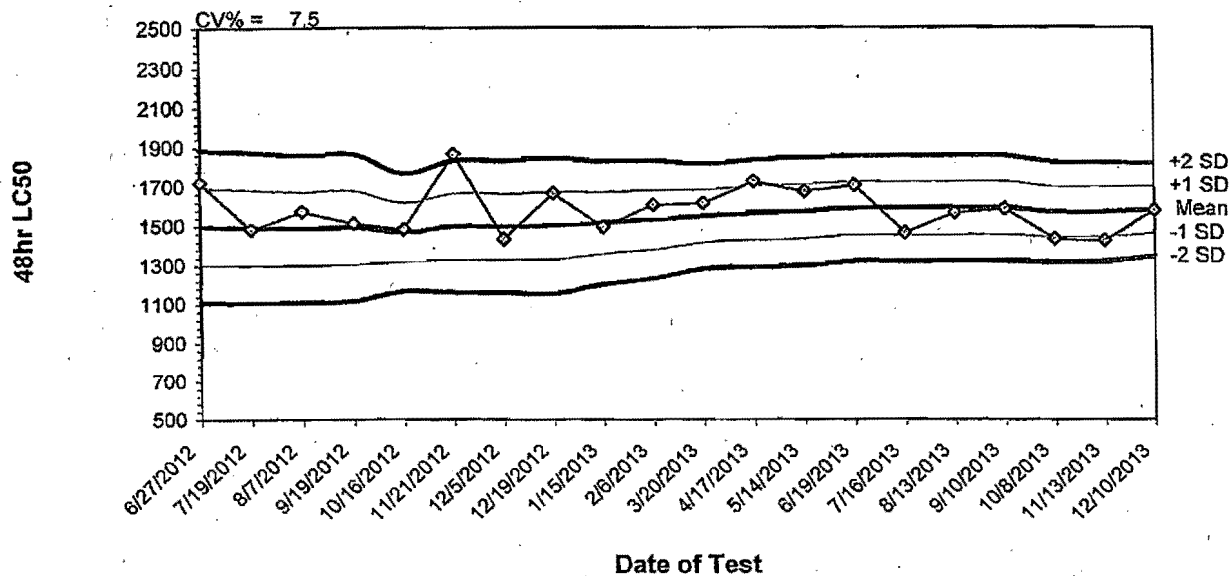
1) Relinquished By: Print: LARRY LO. WHITE Facility/Company: Sign: LARRY LO. WHITE Date: 12/31/13 Time: 12:50	2) Received By: Print: T. O'LEARY Facility/Company: Sign: T. O'LEARY Date: 12/31/13 Time: 12:50
3) Relinquished By: Print: T. O'LEARY Facility/Company: Sign: T. O'LEARY Date: 12/31/13 Time: 11:23	4) Received By: Print: Miranda Robinson Facility/Company: Sign: Miranda Robinson Date: 12/31/13 Time: 14:26
5) Relinquished By: Print: Facility/Company: Sign: Date: Time:	6) Received By: Print: Facility/Company: Sign: Date: Time:
7) Relinquished By: Print: Facility/Company: Sign: Date: Time:	8) Received By: Print: Facility/Company: Sign: Date: Time:
9) Relinquished By: Print: Facility/Company: Sign: Date: Time:	10) Received By: Print: Facility/Company: Sign: Date: Time:
11) Relinquished By: Print: Facility/Company: Sign: Date: Time:	12) Received By: Print: Facility/Company: Sign: Date: Time:

Lab Use Only	Comments: CLEAR, NO ODOOR (A) WRONG DATE - THIS LOCATION IS "UNOCAL" 1/2/14 RR PH 8.1 (N3) AIR 156 JAL 34.0 (13) 8000.0 MI	Legend: P = Plastic Na ₂ H ₂ SO ₃ = Sodium Thiosulfate	Notes: Sampler fills out yellow areas Lab fills out gray areas
Samples Sealed? (Y) N			
Temp. (°C) (13) 2.0			

Environmental Enterprises USA, Inc.

APPENDIX E

EPA Method 2006, *M. beryllina* SRT, KCl mg/L



Dilution Series = 480, 686, 980, 1400, 2000 mg/L KCl; Dilution Factor = 0.70

Test #	Test Date	48-hr LC50 mg/L KCl	Cumulative Mean LC50	-1 SD	-2 SD	+1 SD	+2 SD	Control Survival	SRT Lot #
MN1207-48	6/27/2012	1720	1498	1304	1109	1692	1887	97.5	081M0170V
MN1208-48	7/19/2012	1480	1490	1299	1107	1681	1873	100.0	081M0170V
MN1209-48	8/7/2012	1570	1485	1297	1110	1672	1859	100.0	081M0170V
MN1210-48	9/19/2012	1510	1490	1303	1116	1676	1863	100.0	081M0170V
MN1211-48	10/16/2012	1480	1466	1315	1165	1616	1766	100.0	081M0170V
MN1212-48	11/21/2012	1860	1495	1327	1160	1662	1829	100.0	081M0170V
MN1213-48	12/5/2012	1430	1492	1324	1156	1660	1828	100.0	081M0170V
MN1214-48	12/19/2012	1660	1497	1325	1154	1669	1840	100.0	081M0170V
MN1301-48	1/15/2013	1490	1512	1355	1198	1668	1825	95.0	081M0170V
MN1302-48	2/6/2013	1600	1527	1377	1227	1676	1826	100.0	SLBD2389V
MN1303-48	3/20/2013	1610	1546	1412	1279	1679	1812	97.5	081M0170V
MN1304-48	4/17/2013	1720	1560	1424	1288	1696	1832	100.0	SLBD2389V
MN1305-48	5/14/2013	1670	1569	1432	1295	1706	1843	100.0	SLBD2389V
MN1306-48	6/19/2013	1700	1584	1450	1316	1718	1852	100.0	SLBC2414V
MN1307-48	7/16/2013	1460	1584	1450	1316	1718	1852	100.0	SLBC2414V
MN1308-48	8/13/2013	1560	1585	1451	1318	1719	1852	100.0	SLBC2414V
MN1309-13	9/10/2013	1580	1584	1451	1317	1717	1851	100.0	SLBC2414V
MN1310-48	10/8/2013	1430	1566	1438	1311	1693	1820	97.5	SLBC2414V
MN1311-48	11/13/2013	1420	1567	1442	1316	1692	1818	100.0	C256341
MN1312-48	12/10/2013	1572	1576	1458	1339	1694	1813	100.0	C256341

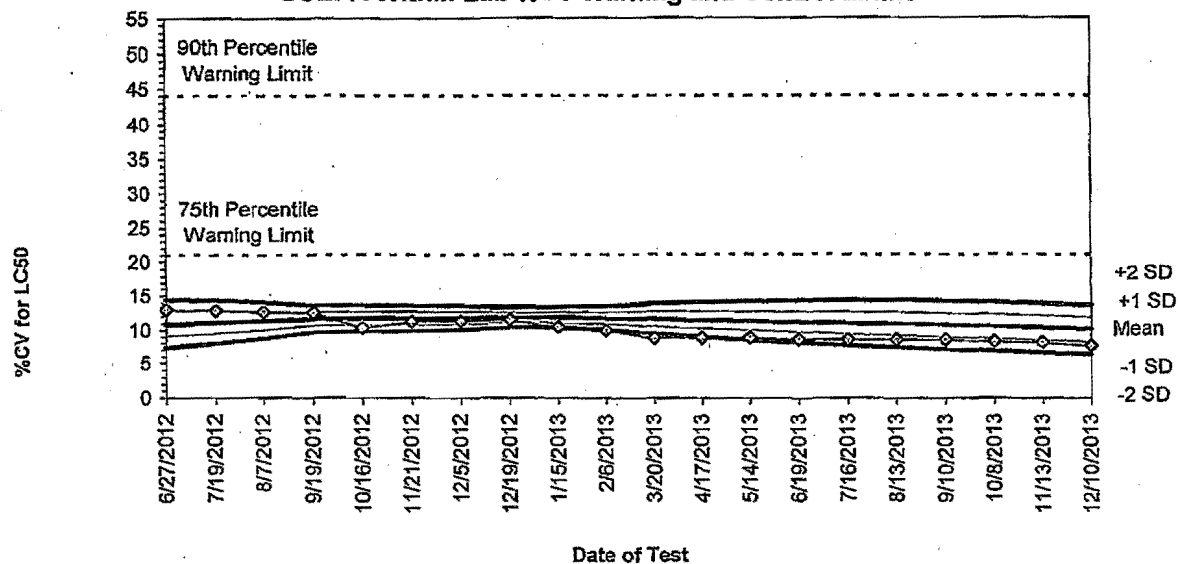
MB1212-48 result is outside $\pm 2SD$ and the test was reviewed. No errors were found and the test was determined to be valid.

The narrow dilution series and correspondingly narrow control limits are the likely cause for this apparent outlier. Two tests will be completed in December 2012.

MN1312-48 - Lot# C256341 was used to mix Day 0 and Day 1 was mixed with Lot# SLBD2389V.

QAQC by: MK 12/18/13

**EPA Method 2006, *M. beryllina* SRT KCl, Survival LC50,
USEPA Within Lab %CV Warning and Control Limits**

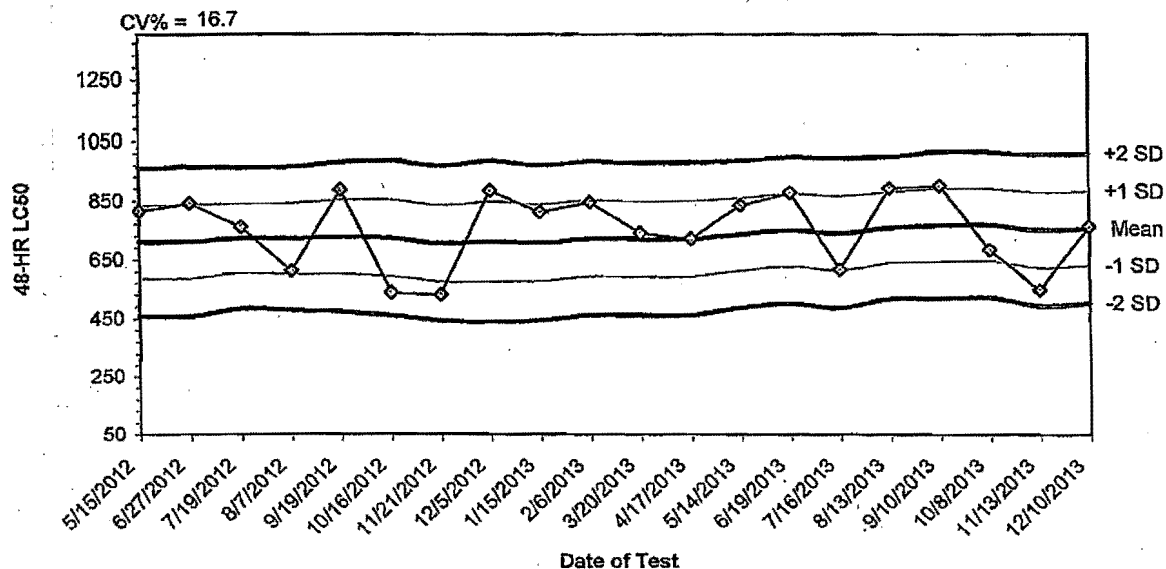


7%CV = 10th percentile, 15%CV = 25th percentile, 16%CV = 50th percentile

	Test Date	%CV for LC50	Mean %CV	-1 SD	-2 SD	+1 SD	+2 SD	75th Warning Limit	90th Warning Limit	SRT Lot #
MN1207-48	6/27/2012	13.0	10.9	9.1	7.3	12.6	14.4	21.0	44.0	081M0170V
MN1208-48	7/19/2012	12.9	11.1	9.5	7.9	12.7	14.3	21.0	44.0	081M0170V
MN1209-48	8/7/2012	12.6	11.4	10.1	8.7	12.8	14.1	21.0	44.0	081M0170V
MN1210-48	9/19/2012	12.5	11.7	10.7	9.7	12.7	13.7	21.0	44.0	081M0170V
MN1211-48	10/16/2012	10.2	11.7	10.7	9.8	12.6	13.6	21.0	44.0	081M0170V
MN1212-48	11/21/2012	11.2	11.7	10.8	9.9	12.6	13.6	21.0	44.0	081M0170V
MN1213-48	12/5/2012	11.3	11.8	10.9	10.0	12.6	13.5	21.0	44.0	081M0170V
MN1214-48	12/19/2012	11.5	11.8	11.1	10.4	12.6	13.3	21.0	44.0	081M0170V
MN1301-48	1/15/2013	10.4	11.8	11.1	10.3	12.6	13.4	21.0	44.0	081M0170V
MN1302-48	2/6/2013	9.8	11.8	10.9	10.0	12.6	13.5	21.0	44.0	SLBD2389V
MN1303-48	3/20/2013	8.6	11.6	10.5	9.4	12.7	13.9	21.0	44.0	081M0170V
MN1304-48	4/17/2013	8.7	11.4	10.1	8.9	12.7	14.0	21.0	44.0	SLBD2389V
MN1305-48	5/14/2013	8.7	11.3	9.9	8.4	12.7	14.2	21.0	44.0	SLBD2389V
MN1306-48	6/19/2013	8.4	11.1	9.6	8.0	12.7	14.3	21.0	44.0	SLBC2414V
MN1307-48	7/16/2013	8.4	11.0	9.3	7.6	12.6	14.3	21.0	44.0	SLBC2414V
MN1308-48	8/13/2013	8.4	10.8	9.1	7.3	12.6	14.3	21.0	44.0	SLBC2414V
MN1309-13	9/10/2013	8.4	10.6	8.8	7.0	12.5	14.3	21.0	44.0	SLBC2414V
MN1310-48	10/8/2013	8.1	10.4	8.6	6.7	12.3	14.1	21.0	44.0	SLBC2414V
MN1311-48	11/13/2013	8.0	10.2	8.4	6.5	12.0	13.9	21.0	44.0	C256341
MN1312-48	12/10/2013	7.5	9.9	8.1	6.3	11.8	13.6	21.0	44.0	C256341

QAQC by: MAO 12/18/13

EPA Method 2007, *M. bahia* SRT, KCl mg/l



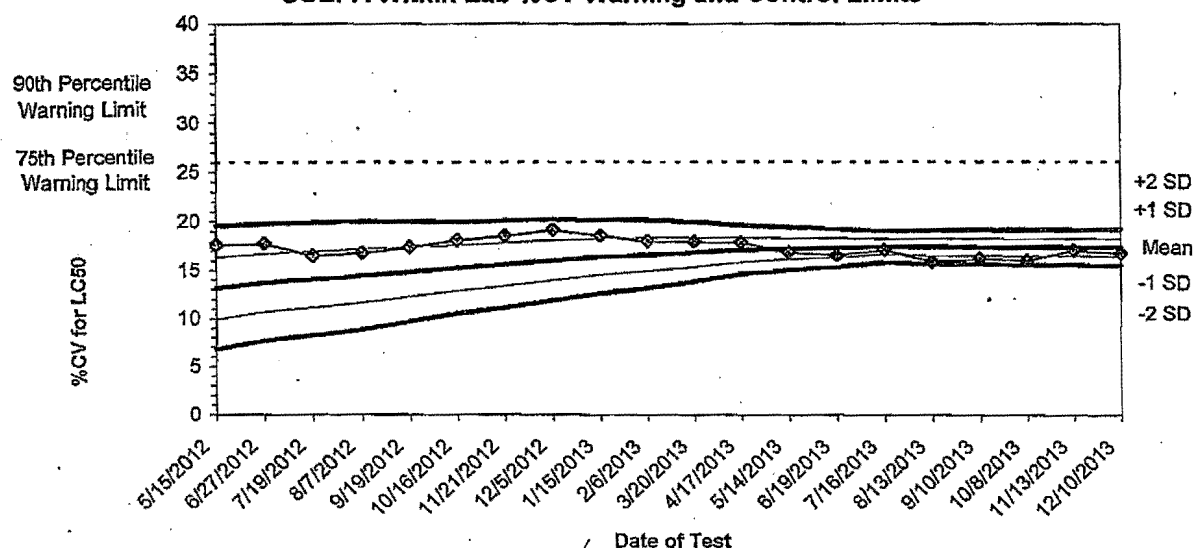
Dilution Series = 150, 250, 416, 694, 1157 mg/L KCl; Dilution Factor = 0.60

Test #	Test Date	48-hr LC50 mg/L KCl	Cumulative Mean LC50	-1 SD	-2 SD	+1 SD	+2 SD	Control Survival	Toxicant Lot #
MB1205-48	5/15/2012	815	710	585	460	835	959	100.0	021M0113V
MB1206-48	6/27/2012	841	711	585	458	838	964	100.0	081M0170V
MB1207-48	7/19/2012	759	723	604	485	842	961	100.0	081M0170V
MB1208-48	8/7/2012	611	720	599	479	841	962	100.0	081M0170V
MB1209-48	9/19/2012	885	726	600	474	852	978	100.0	081M0170V
MB1210-48	10/16/2012	538	722	592	461	853	983	100.0	081M0170V
MB1211-48	11/21/2012	531	704	574	443	835	965	100.0	081M0170V
MB1212-48	12/5/2012	882	710	574	438	846	982	97.5	081M0170V
MB1301-48	1/15/2013	809	706	575	444	837	968	100.0	081M0170V
MB1302-48	2/6/2013	841	720	590	461	849	979	100.0	SLBD2389V
MB1303-48	3/20/2013	737	717	589	460	846	974	100.0	081M0170V
MB1304-48	4/17/2013	718	719	591	462	847	975	100.0	SLBD2389V
MB1305-48	5/14/2013	830	733	610	486	857	980	100.0	SLBD2389V
MB1306-48	6/19/2013	873	747	623	500	870	993	100.0	SLBC2414V
MB1307-48	7/16/2013	613	737	611	485	863	989	100.0	SLBC2414V
MB1308-48	8/13/2013	887	755	635	516	875	994	97.5	SLBC2414V
MB1309-48	9/10/2013	896	764	640	517	887	1010	100.0	SLBC2414V
MB1310-48	10/8/2013	681	765	643	521	887	1009	100.0	SLBC2414V
MB1311-48	11/13/2013	546	748	620	493	875	1002	97.5	C256341
MB1312-48	12/10/2013	759	753	627	501	878	1004	100.0	C256341

MB1312-48 - Lot# C256341 was used to mix Day 0, and Day 1 was mixed with Lot# SLBD2389V.

QAQC by: NA 12/18/13

**EPA Method 2007, *M. bahia* SRT KCI, Survival LC50,
USEPA Within Lab %CV Warning and Control Limits**



17%CV = 10th percentile, 17%CV = 25th percentile, 25%CV = 50th percentile

Test #	Test Date	%CV for LC50	Mean %CV	-1 SD	-2 SD	+1 SD	+2 SD	75th Warning Limit	90th Warning Limit	SRT Lot #
MB1205-48	5/15/2012	17.6	13.2	9.9	6.7	16.4	19.6	26.0	26.0	021M0113V
MB1206-48	6/27/2012	17.8	13.7	10.7	7.6	16.7	19.7	26.0	26.0	081M0170V
MB1207-48	7/19/2012	16.5	14.0	11.1	8.2	17.0	19.9	26.0	26.0	081M0170V
MB1208-48	8/7/2012	16.8	14.4	11.6	8.8	17.2	20.0	26.0	26.0	081M0170V
MB1209-48	9/19/2012	17.4	14.8	12.3	9.7	17.4	19.9	26.0	26.0	081M0170V
MB1210-48	10/16/2012	18.1	15.2	12.9	10.5	17.6	19.9	26.0	26.0	081M0170V
MB1211-48	11/21/2012	18.5	15.6	13.4	11.1	17.8	20.1	26.0	26.0	081M0170V
MB1212-48	12/5/2012	19.1	16.0	13.9	11.9	18.1	20.2	26.0	26.0	081M0170V
MB1301-48	1/15/2013	18.6	16.4	14.5	12.6	18.2	20.1	26.0	26.0	081M0170V
MB1302-48	2/6/2013	18.0	16.6	14.9	13.1	18.3	20.1	26.0	26.0	SLBD2389V
MB1303-48	3/20/2013	17.9	16.9	15.3	13.8	18.4	19.9	26.0	26.0	081M0170V
MB1304-48	4/17/2013	17.8	17.1	15.8	14.6	18.4	19.6	26.0	26.0	SLBD2389V
MB1305-48	5/14/2013	16.9	17.2	16.1	15.0	18.3	19.4	26.0	26.0	SLBD2389V
MB1306-48	6/19/2013	16.5	17.3	16.3	15.3	18.3	19.3	26.0	26.0	SLBC2414V
MB1307-48	7/16/2013	17.1	17.4	16.6	15.7	18.2	19.1	26.0	26.0	SLBC2414V
MB1308-48	8/13/2013	15.8	17.4	16.5	15.6	18.2	19.1	26.0	26.0	SLBC2414V
MB1309-48	9/10/2013	16.2	17.4	16.5	15.6	18.2	19.1	26.0	26.0	SLBC2414V
MB1310-48	10/8/2013	16.0	17.4	16.4	15.5	18.3	19.2	26.0	26.0	SLBC2414V
MB1311-48	11/13/2013	17.0	17.3	16.4	15.5	18.2	19.2	26.0	26.0	C256341
MB1312-48	12/10/2013	16.7	17.3	16.4	15.5	18.2	19.1	26.0	26.0	C256341

QAQC by: MAO 12/17/13

